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OM nucleic - nucleic search, using sw model

Run on: September 10, 2004, 18:28:30 ; Search time 159 Seconds
(without alignments)
6547.722 Million cell updates/sec

Title: US-09-944-896-49
Perfect score: 1876
Sequence: 1 cttctttgtccaccagccca.....tcagctgaaaaaaaaa 1876

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents NA:*

- 1: /cgn2_6/prodata/2/ina/5A_COMB.seq.*
- 2: /cgn2_6/prodata/2/ina/5B_COMB.seq.*
- 3: /cgn2_6/prodata/2/ina/6A_COMB.seq.*
- 4: /cgn2_6/prodata/2/ina/6B_COMB.seq.*
- 5: /cgn2_6/prodata/2/ina/6C_COMB.seq.*
- 6: /cgn2_6/prodata/2/ina/6D_COMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1876	100.0	1876	4	US-09-866-028-49
2	672.8	35.9	690	4	US-09-404-879A-321
3	48.4	2.6	13857	4	US-09-620-312D-75
4	47.8	2.5	582	4	US-09-433-248A-3
5	45	2.4	45	4	US-09-866-028-53
6	43.4	2.3	1155	2	US-08-387-942C-18
7	43.4	2.3	12588	2	US-08-387-942C-1
8	42.6	2.3	3259	5	PCT-US95-03747-1
9	41.8	2.2	505	4	US-09-621-976-15639
10	40.8	2.2	393	4	US-09-833-381-1076
11	40.8	2.2	948	4	US-09-252-991A-14810
12	40.8	2.2	1428	4	US-09-252-991A-14802
13	40.8	2.2	1658	4	US-09-252-991A-14950
14	40.8	2.2	4524	4	US-08-624-447-11
15	40.8	2.2	4724	1	US-08-404-665-3
16	40.8	2.2	4724	1	US-08-404-671-3
17	40.8	2.2	4724	1	US-08-404-781-3
18	40	2.1	4403765	3	US-09-103-840A-2
19	39.4	2.1	885	4	US-09-252-991A-7525
20	39.4	2.1	969	4	US-09-252-991A-7599
21	39.4	2.1	1101	4	US-09-252-991A-7952
22	39.4	2.1	1176	2	US-08-387-942C-17
23	39.2	2.1	4403765	3	US-09-103-840A-2
24	39.2	2.1	4411529	3	US-09-103-840A-1
25	39	2.1	7218	1	US-08-232-463-14
26	38.6	2.1	1155	2	US-08-387-942C-21
27	38.6	2.1	1341	4	US-09-252-991A-1920

ALIGNMENTS

RESULT 1

US-09-866-028-49
; Sequence 49, Application US/09866028
; Patent No. 6642360

GENERAL INFORMATION:
; APPLICANT: Baker, Kevin

; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher

; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth

; APPLICANT: Kijav, Ivar
; APPLICANT: Napier, Mary

; APPLICANT: Roy, Margaret
; APPLICANT: Tamas, Daniel

; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P2548P1C1
; CURRENT APPLICATION NUMBER: US/09/866,028

; PRIOR APPLICATION DATE: 2001-05-25
; Prior application data removed - consult PALM or file wrapper

; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 49

; LENGTH: 1876
; TYPE: DNA

; ORGANISM: Homo Sapien
US-09-866-028-49

Query Match 100.0%; Score 1876; DB 4; Length 1876;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1876; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	CTCTTTGTCCACGAGCCAGCTGACTCTGAGATTGTGAATAGCTCCATCCAGCTG 60
Db	1	CTCTTTGTCCACGAGCCAGCTGACTCTGAGATTGTGAATAGCTCCATCCAGCTG 60
Qy	61	AGAAACAAGCCGGTGGCTGAGCCAGCTGTGCACGAGACCTGACGGGCCCAACAGAC 120
Db	61	AGAAACAAGCCGGTGGCTGAGCCAGCTGTGCACGAGACCTGACGGGCCCAACAGAC 120
Qy	121	CCATGCTGATCCAGAGACCTCCCTGGCGGGGGGATCTCTGTGCTGTCTCTGCCCC 180
Db	121	CCATGCTGATCCAGAGACCTCCCTGGCGGGGGGATCTCTGTGCTGTCTCTGCCCC 180

Sequence 1839, Ap
Sequence 2037, Ap
Sequence 9106, Ap
Sequence 9022, Ap
Sequence 8765, Ap
Sequence 8986, Ap
Sequence 633, App
Sequence 719, App
Sequence 660, App
Sequence 9, Appli
Sequence 42, Appli
Sequence 7, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 1, Appli

QY 604 TGGGCTGTGGGGGACCTGTCTCTGAGGCCAGACAGCCGANTAGAGCCCTTTGTCTGTG 663
Db |||||
QY 1 TGGGCTGTGGGGGACCTGTCTCTGAGGCCAGACAGCCGANTAGAGCCCTTTGTCTGTG 60
Db |||||
QY 664 CCTACTCCCCGGAGGCAACTGGAGGTCAACGGGAAGACAATCATCCCTATAAGAGG 723
Db |||||
QY 61 CCTACTCCCCGGAGGCAACTGGAGGTCAACGGGAAGACAATCATCCCTATAAGAGG 120
Db |||||
QY 724 GTGCTGTGTCTGCTCTGACACGCCAGTGTCTCAGGCTGCTTCAAAAGCCTGGACCATG 783
Db |||||
QY 121 GTGCTGTGTCTGCTCTGACACGCCAGTGTCTCAGGCTGCTTCAAAAGCCTGGACCATG 180
Db |||||
QY 784 CAGGGGGGCTCTGTGAGTCTCCAGGAATCTTCTGCGATGAGTGCACAAACATGGAC 843
Db |||||
QY 181 CAGGGGGGCTCTGTGAGTCTCCAGGAATCTTCTGCGATGAGTGCACAAACATGGAC 240
Db |||||
QY 844 GTCTCAACATCAGCACTCGCATGCGCACTGTCTCCCTGCTACACGGGAGATCTGCC 903
Db |||||
QY 241 GTCTCAACATCAGCACTCGCATGCGCACTGTCTCCCTGCTACACGGGAGATCTGCC 300
Db |||||
QY 904 AAGTGAGGTGAGGCTGAGTGTGCAACGGCGGTTCGGGAGGAGGAGTGTCTGTGG 963
Db |||||
QY 301 AAGTGAGGTGAGGCTGAGTGTGCAACGGCGGTTCGGGAGGAGGAGTGTCTGTGG 360
Db |||||
QY 964 TCTGTGATCGGCTACGGGGGAGCCAGTGTGCCACCAAGGTGCAATTTTCCCTTCCACA 1023
Db |||||
QY 361 TCTGTGATCGGCTACGGGGGAGCCAGTGTGCCACCAAGGTGCAATTTTCCCTTCCACA 420
Db |||||
QY 1024 CCTGTGACCTGAGGATCGAGGAGACTGTTTATGTGTCTTTCAGAGGAGAGCACTATT 1083
Db |||||
QY 421 CCTGTGACCTGAGGATCGAGGAGACTGTTTATGTGTCTTTCAGAGGAGAGCACTATT 480
Db |||||
QY 1084 ACAG-AGCCAGGATGAATGTGAGAGAAAGGGGGTGTGCCCCAGATCAGAGCCAG 1142
Db |||||
QY 481 ACAGAGCCAGGATGAATGTGAGAGAAAGGGGGTGTGCCCCAGATCAGAGCCAG 540
Db |||||
QY 1143 AAAGTGAGAGACATCTCTGCTTCTATCTGGGGCGCTGAGACCAACAGAGTGACT 1202
Db |||||
QY 541 AAAGTGAGAGACATCTCTGCTTCTATCTGGGGCGCTGAGACCAACAGAGTGACT 600
Db |||||
QY 1203 GACAGTGACTTCGAGACCGAGGACTTCTGGATCGGGCTCACTACAGACCCGAGGAC 1262
Db |||||
QY 601 GACAGTGACTTCGAGACCGAGGACTTCTGGATCGGGCTCACTACAGACCCGAGGAC 660
Db |||||
QY 1263 TCCTTCGCTGGGCCACAGGGGAGCACCAG 1292
Db |||||
QY 661 TCCTTCGCTGGGCCACAGGGGAGCACCAG 690
Db |||||

RESULT 3

US-09-620-312D-75
; Sequence 75, Application US/09620312D
; Patent No. 6569662
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Liu, Chenghua
; APPLICANT: Asundi, Vilrod
; APPLICANT: Zhang, Jie
; APPLICANT: Ren, Feiyan
; APPLICANT: Chen, Rui-hong
; APPLICANT: Zhao, Qing A.
; APPLICANT: Wehrman, Tom
; APPLICANT: Xue, Aidong J.
; APPLICANT: Yang, Yonghong
; APPLICANT: Wang, Jian-Rui
; APPLICANT: Zhou, Ping
; APPLICANT: Ma, Yunding
; APPLICANT: Wang, Dunrui
; APPLICANT: Wang, Zhiwei
; APPLICANT: John Tillinghast
; APPLICANT: Drmanac, Radoje T.
; TITLE OF INVENTION: No. 6569662el Nucleic Acids and
; TITLE OF INVENTION: Polypeptides

FILE REFERENCE: 784CIP2B
; CURRENT APPLICATION NUMBER: US/09/620,312D
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 09/552,317
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: 09/488,725
; PRIOR FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 1105
; SOFTWARE: pt_FL_genes Version 1.0
; SEQ ID NO 75
; LENGTH: 13857
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(13857)
US-09-620-312D-75

Query Match

Best Local Similarity 2.6%; Score 48.4; DB 4; Length 13857;
Matches 127; Conservative 0; Mismatches 131; Indels 0; Gaps 0;

QY 862 GCACCTGCCACTGTCCCTCGCTACACGGGAGGAGTGTCTCTGCTCTGTGACATCGGCTACG 921
Db 875 GCGCTGTGTGTATACCCCGCTACACTGGCGAGGACTGTGGGTGAGGAGTGCCTC 934
QY 922 AGTGTGTACAGCGCGGTTCGGGAGGAGGAGTGTCTCTGCTCTGTGACATCGGCTACG 981
Db 935 GGGGTGTGACGAGCGGGAGCGTCTCAAGAGCGGCGCTGTGTGTGACCCCGCTACA 994
QY 982 GGGAGGCCACTGTGCCACCAAGGTGCAATTTTCCCTTCCACACCTGTGACCTGAGGATCG 1041
Db 995 CTGGCGAGGACTGTGGTACCGCGAGTGTCCCTCGGACTGTGGCGAGGGCGGCTCGC 1054
QY 1042 ACGGAGACTGTTTATGTGTCTTTCAGAGGAGGAGTGTCTTTCAGAGGAGGAGTGAAT 1101
Db 1055 TGGACGGCGCTGTGTGTGTGGCGCGGTACACAGCGGAGGACTGTGACGCGGACAT 1114
QY 1102 GTCAGAGAAAGCGGGG 1119
Db 1115 GTCCGAGGAGTGTCCGGG 1132

RESULT 4

US-09-433-248A-3
; Sequence 3, Application US/09433248A
; Patent No. 6355462
; GENERAL INFORMATION:
; APPLICANT: Falco, S. Carl
; APPLICANT: Farnodu, Omolayo O.
; APPLICANT: Han, Feng
; APPLICANT: Rafalski, J. Antoni
; TITLE OF INVENTION: Disease Resistance Factors
; FILE REFERENCE: B1252 US NA
; CURRENT APPLICATION NUMBER: US/09/433,248A
; CURRENT FILING DATE: 1999-11-04
; PRIOR APPLICATION NUMBER: 60/107,242
; PRIOR FILING DATE: 1998-11-05
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 3
; LENGTH: 582
; TYPE: DNA
; ORGANISM: Oryza sativa
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (337)
; NAME/KEY: unsure
; LOCATION: (370)
; NAME/KEY: unsure
; LOCATION: (421)
; NAME/KEY: unsure
; LOCATION: (437)

NAME/KEY: unsure
LOCATION: (481)
NAME/KEY: unsure
LOCATION: (484)
NAME/KEY: unsure
LOCATION: (502)
NAME/KEY: unsure
LOCATION: (511)
NAME/KEY: unsure
LOCATION: (542)
NAME/KEY: unsure
LOCATION: (547)
NAME/KEY: unsure
LOCATION: (564)
NAME/KEY: unsure
LOCATION: (571)
US-09-433-248A-3

Query Match 2.5%; Score 47.8; DB 4; Length 582;
Best Local Similarity 50.2%; Pred. No. 0.0067;
Matches 118; Conservative 0; Mismatches 117; Indels 0; Gaps 0;
QY 1210 ACTTCGAGACGAGCACTTCGATCGGCTCACCTACAGACCGCAAGGACTCCTCC 1269
DB 1 ACATCCTGAACCGACCATCGCATGACACCTCCACAGGCACTCCGACTAGCTC 60
QY 1270 GCTGGCCACAGGGAGACAGCCCTTACAGTTTTCCTTTGGGAGCCTGACACC 1329
DB 61 GCGAAGCCATCGGACGAGGACACGTGGAGCGCCATCTTCGGGTGGCTCGCGCGCCCAAG 120
QY 1330 ACGGCTGCTGCTGCTGCTGCTGCCATGGGTTTGGCACTCGGTGGAGCTGCAAGCTT 1389
DB 121 CCGGCTGATCATCTGACCCGTACCGGGCGGAGATCGCACCGTGGCGAGGCGCA 180
QY 1390 CAGCTGCTTCACTGGAACAGCAGCGCTGCAAAACCGAACCCTTACATCTG 1444
DB 181 CGCGTTCCCGCACCGCGGGGGTGTCTTACAAACATCCAGTACATGAACCTTCTG 235

RESULT 5
US-09-866-028-53
Sequence 53, Application US/09866028
Patent No. 6842360

GENERAL INFORMATION:
APPLICANT: Baker, Kevin
APPLICANT: Botstein, David
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul
APPLICANT: Grimaldi, Christopher
APPLICANT: Gurney, Austin
APPLICANT: Hillan, Kenneth
APPLICANT: Kljavin, Ivar
APPLICANT: Napier, Mary
APPLICANT: Roy, Margaret
APPLICANT: Tumas, Daniel
APPLICANT: Wood, William
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P2548P1C1
CURRENT FILING DATE: 2001-05-25
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 120
SEQ ID NO 53
LENGTH: 45
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe

US-09-866-028-53

Query Match 2.4%; Score 45; DB 4; Length 45;
Best Local Similarity 100.0%; Pred. No. 0.013;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1254 GCCAAGGACTCCTTCGCTGGGCGCACAGGGGAGCACCAGGCTTC 1298
DB 1 GCCAAGGACTCCTTCGCTGGGCGCACAGGGGAGCACCAGGCTTC 45

RESULT 6

US-08-387-942C-18
Sequence 18, Application US/08387942C
Patent No. 593289
GENERAL INFORMATION:
APPLICANT: BATESVAG, HELGA
APPLICANT: VALLA, SVEIN
APPLICANT: SKJAK-BRAEK, GUDMUND
APPLICANT: LARSEN, BJORN
TITLE OF INVENTION: DNA COMPOUNDS COMPRISING SEQUENCES
ENCODING MANNUROAN C-5-EPIMERASE
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH, LLP
STREET: P.O. BOX 747
CITY: FALLS CHURCH
STATE: VA
COUNTRY: USA
ZIP: 22042
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/387,942C
FILING DATE: 09-MAY-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MURPHY JR, GERALD M.
REGISTRATION NUMBER: 28,977
REFERENCE/DOCKET NUMBER: 1809-106P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-205-8000
TELEFAX: 703-205-8050
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 1155 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-387-942C-18

Query Match 2.3%; Score 43.4; DB 2; Length 1155;
Best Local Similarity 49.8%; Pred. No. 0.12;
Matches 110; Conservative 0; Mismatches 111; Indels 0; Gaps 0;
QY 1016 CTTCCACCTGTGACCTGAGGATCGAGGAGATGCTTTCATGTGTTCAGAGGCGAGA 1075
DB 297 CTTCCGATGAGGACCTGACCTCGGCGCAACCGGCAACCTGTCCGCGCAAGGTGCA 356
QY 1076 CACTATTACAGCCAGGATCAATGTTCAGAGGAAAGCGGGTGTGCGCCAGATCAA 1135
DB 357 CGCTGTTCACGGGTACATCCCGGCGCAGACCGCCGATCGGACGTGACCTTGA 416
QY 1136 GAGCCAGAAAGTGCAGGACATCTCTGCTTCTATCTGGCGCTTGGAGACCAACAGA 1195
DB 417 GCGGTGGAAATCCGCGAGATGTCCGGTTCAGGTTTCAGACCCCGCAGGACCATCAA 476
QY 1196 GGTGACTGACGTACTTCGAGACCAAGCAACTTCTGGATCG 1236

Db 477 CCTGACGATCGGACACGCTGGCCACGACACAGCCTCG 517

RESULT 7

US-08-387-942C-1
; Sequence 1, Application US/08387942C
; Patent No. 5939289
; GENERAL INFORMATION:
; APPLICANT: ERTESVAG, HELGA
; APPLICANT: VALLA, SVEIN
; APPLICANT: SKJAK-BRAEK, GUDMUND
; APPLICANT: LARSEN, BJORN
; TITLE OF INVENTION: DNA COMPOUNDS COMPRISING SEQUENCES
; TITLE OF INVENTION: ENCODING MANURONAN C-5-EPIMERASE
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH, LLP
; STREET: P.O. BOX 747
; CITY: FALLS CHURCH
; STATE: VA
; COUNTRY: USA
; ZIP: 22042

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/08/387,942C
; FILING DATE: 09-MAY-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MURPHY JR, GERALD M.
; REGISTRATION NUMBER: 28,977
; REFERENCE/DOCKET NUMBER: 1809-106P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-205-8000
; TELEFAX: 703-205-8050
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12588 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; ORGANISM: Azotobacter vinelandii
; STRAIN: B
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 290..1951
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 2227..6438
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 6702..9695
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 9973..12588
US-08-387-942C-1

Query Match 2.3%; Score 43.4; DB 2; Length 12588;
Best Local Similarity 49.8%; Pred. No. 0.31;
Matches 110; Conservative 0; Mismatches 111; Indels 0; Gaps 0;

QY 1016 CTTCACACCTGTGACCTGAGGATCGACGAGACTGCTTCATGGTGCTTCAGAGGCAGA 1075
|||
Db 2523 CTTCGTCATGAGGACCTGACCTTCACGCGAACCGGACAACTGTTCGCGCAAGTCA 2582
|||
QY 1076 CACCTATTACAGCCAGGATGAATGTTCAGAGGAAGCGGGGTGCTGGCCCATCA 1135
|||
Db 2583 CGCTGGTTCAACGGGTACATCCCCGGCCAGGACGCGCGGATCGCGAGCTGACCTCGA 2642
|||

QY 1136 GAGCCAGAAAGTGACGACATCTCGCTTCTATCTGGCGCGCTGGAGACCAACGA 1195
|||
Db 2643 GCGGGTGAATCCCGGAGATGTCCGGCTACGGTTCCACCCCGAGGACCATCAA 2702
|||
QY 1196 GGTGACTGACAGTGTCTCGAGACCAAGGAACCTTCTGGATCG 1236
|||
Db 2703 CCTGACGATCCGCGACAGCGTGGCCCGACGACACAGCCTCG 2743
|||

RESULT 8

PCT-US95-03747-1
; Sequence 1, Application PC/TUS9503747
; GENERAL INFORMATION:
; APPLICANT: LA JOLLA CANCER RESEARCH FOUNDATION
; TITLE OF INVENTION: Brevican, A Glial Cell Proteoglycan
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell and Flores
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/03747
; FILING DATE: 27-MAR-1995
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Imbra, Richard J.
; REGISTRATION NUMBER: 37,643
; REFERENCE/DOCKET NUMBER: FP-LJ 1453
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3259 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 112..2848
PCT-US95-03747-1

Query Match 2.3%; Score 42.6; DB 5; Length 3259;
Best Local Similarity 53.0%; Pred. No. 0.29;
Matches 115; Conservative 0; Mismatches 99; Indels 3; Gaps 1;

QY 944 GGAGGAGGAGTCTCGTGGCTCTGTGACATCGGCTACGGGGAGCCAGTGTGCCACAA 1003
|||
Db 2106 GGAGGAGGGGTCCGCTCGCTGTGTTGCTGCTATGGGGGACCTGTGCGATGTGG 2165
|||
QY 1004 GGTCCATTTTCCCTTCCACACCTGTGACCTGAGATCGACGAGACTGTTCATGTGTC 1063
|||
Db 2166 CTTCCACTTCTGCAGCCCCGGTTGGAC---GCCTTCAGGGTCCCTGTCAAGCACTT 2222
|||
QY 1064 TTACAGGCGACACACCTATTACAGAGCCAGGATGAATGTCAGAGGAAGCGGGTGTCT 1123
|||
Db 2223 TTCTGCCCGGAGAGCTGGGAGGAGCGGAGAACTGTCGGATGTACGGCGGCACCT 2282
|||
QY 1124 GGCCAGATCAAGAGCCAGAAAGTGCAGGACATCCTC 1160
|||
Db 2283 GGCCAGCATCAGACGCGCGAGGAACAGGACTTCATC 2319
|||

RESULT 9

```
US-09-621-976-15639/c
; Sequence 15639, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET 054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 15639
; LENGTH: 505
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-621-976-15639

Query Match      2.2%; Score 41.8; DB 4; Length 505;
Best Local Similarity 11.8%; Pred. No. 0.22;
Matches 37; Conservative 142; Mismatches 134; Indels 0; Gaps 0;

QY 1324 ACNACCACGGCTGGTGGCTGAGCTGCCATGGGTTTGGCAACTGCGTGGAGCTGC 1383
DB 368 AKMRRAAGGSGYCGMTSVTSGKMTGRKSGMTKRRMTYSGMMWTSYKTKTKKTYG 309
QY 1384 AGCTTCAGCTGCTTCAACTGGAACACGAGCGTGCAGAAACCCGAAACCGTTACATCT 1443
DB 308 WKSXKTRWCTSRKYMMSGCAWAFSMKSWARSWYMWACWMSASAYRARRRMYGAR 249
QY 1444 GCACGTTTCCACAGGAGACATCTCCCGTGGGGCCAGGTCCTGAGGCTGACCAT 1503
DB 248 RSMRAGAGWRRARRGKRGKSGMSMRSMKSMRMSAGKARMCRRMWSCHRMYSYCWG 189
QY 1504 GGCTCCTCGCTCGCTGGGACACCGCTCTGCTTACCTGTCTGCCACCTGTCTGGA 1563
DB 188 SKCMSRGCTCAKMRVARYAKRYASSMGKYMGCRCWYAKARMYGYEYRSRSTGSRGM 129
QY 1564 ACAAGGCCAGGTAAAGACACATGCTCATGCTCCAAAGAGTCTCAGACCTTGACAAAT 1623
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QY 1624 GCCAGAGTTGGG 1636
DB 68 RWRSRYRCWMSG 56

RESULT 10
US-09-833-381-1076
; Sequence 1076, Application US/09833381
; Patent No. 6672186
; GENERAL INFORMATION:
; APPLICANT: Robison, Keith E.
; TITLE OF INVENTION: No. 6672186el Nucleic Acid and Protein Homologs
; FILE REFERENCE: 5800-119
; CURRENT APPLICATION NUMBER: US/09/833,381
; CURRENT FILING DATE: 2001-04-11
; PRIOR APPLICATION NUMBER: 09/516,448
; PRIOR FILING DATE: 2000-02-29
; NUMBER OF SEQ ID NOS: 2050
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1076
; LENGTH: 393
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-833-381-1076

Query Match      2.2%; Score 40.8; DB 4; Length 393;
Best Local Similarity 54.7%; Pred. No. 0.37;
Matches 81; Conservative 0; Mismatches 67; Indels 0; Gaps 0;

QY 827 CTGCCAGAACATGAGCTCTCAACATCAGCACCTGCCACTGCGCTGCTCCCTGGCTA 886

US-09-252-991A-14810
; Sequence 14810, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 14810
; LENGTH: 948
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa
; US-09-252-991A-14810

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Best Local Similarity 48.7%; Pred. No. 0.52;
Matches 111; Conservative 0; Mismatches 117; Indels 0; Gaps 0;

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QY 165 GCTGTGCTCTGCGCCCTCTCTTGGACACCACTTGGGCGAGAGTGGCCACCCAGCTGAG 224
DB 536 GCCGCGCTGCTGCTCCAGCTCGCGCGCTTCTGCGCGCTGCTGCTGATGCGGCTGACAG 595
QY 225 GACGAGGCTCCGATGGCGGAGCGCTGAACAGGAAGAGAGTTTCTTCTCTCTCTCTG 284
DB 596 GCGCGCTGTGGTGGGCTGATCGGCTAGCGGCTGGCGCGCTGCTTGGCCCTCAGCCTG 655
QY 285 CACAACCGCTCGCAGCTGGGTCCAGCCCTCGCGGCTGACATGCGG 332
DB 656 ACCCTGACCCCTCGACACCTCCACAGCGCGCTGCGCGGGAAGCCTG 703

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; Sequence 14802, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 14802
; LENGTH: 1428
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Mon Sep 13 10:31:17 2004

APPLICANT: Ackley, Rhonda L.
 APPLICANT: Hemperly, John J.
 TITLE OF INVENTION: HUMAN RESTRICTIN AND NUCLEIC ACID
 TITLE OF INVENTION: SEQUENCES
 NUMBER OF SEQUENCES: 4
 CORRESPONDENCE ADDRESS:
 ADDRESSER: Richard J. Rodrick, Becton Dickinson and
 ADDRESSEE: Company
 STREET: 1 Becton Drive
 CITY: Franklin Lakes
 STATE: NJ
 COUNTRY: US
 ZIP: 07417
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/404,665
 FILING DATE:
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Fugit, Donna R.
 REGISTRATION NUMBER: 32,135
 REFERENCE/DOCKET NUMBER: P-3341
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 4724 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: cdna
 US-08-404-665-3

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QY	887	CACGGGCAGATACCTGCCAAGTAGAGTGCAGCCTGCACAGTGTGTGCACGGCCGGTTCCGGGA	946		
DB	1047	GTTTGGCAGAAATTGTCGGAGCCCTACTGCCCGCTGGGTGTCTCCAGCGGGGGGTGTG	1106		
QY	947	GGAGGAGTGCTCGTGGTCTGTGACATCGGCTACGGGGGAGGCCCATGTGTCC	998		
DB	1107	TGTGGATGCCAGTGCATCTGTACAGCAGATACAGCGGGGATGACTGTTC	1158		

Search completed: September 10, 2004, 19:42:59
Job time : 166 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: September 10, 2004, 19:31:36 ; Search time 880 Seconds
(without alignments)

10726.292 Million cell updates/sec

Title: US-09-944-896-49

Perfect score: 1876

Sequence: 1 cttctttgtccaccagccca.....tcagctgtaaaaaaaaaa 1876

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 3304383 seqs, 2515761380 residues

Total number of hits satisfying chosen parameters: 6608766

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA:**

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19: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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3	1876	100.0	1876	9	US-09-944-457-49
4	1876	100.0	1876	9	US-09-945-587-49
5	1876	100.0	1876	9	US-09-945-015-49
6	1876	100.0	1876	9	US-09-944-396-49
7	1876	100.0	1876	9	US-09-944-097-49
8	1876	100.0	1876	9	US-09-944-432-49
9	1876	100.0	1876	9	US-09-943-762-49
10	1876	100.0	1876	9	US-09-944-654-49
11	1876	100.0	1876	9	US-09-943-851A-49
12	1876	100.0	1876	9	US-09-944-413-49
13	1876	100.0	1876	9	US-09-944-403-49
14	1876	100.0	1876	9	US-09-944-896-49

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16 1876 100.0 1876 9 US-09-944-929-49 Sequence 49, Appl
17 1876 100.0 1876 9 US-09-944-907-49 Sequence 49, Appl
18 1876 100.0 1876 10 US-09-944-884-49 Sequence 49, Appl
19 1876 100.0 1876 10 US-09-944-852-49 Sequence 49, Appl
20 1876 100.0 1876 10 US-09-943-780-49 Sequence 49, Appl
21 1876 100.0 1876 11 US-09-945-584-49 Sequence 49, Appl
22 1876 100.0 1876 12 US-09-943-664-49 Sequence 49, Appl
23 1876 100.0 1876 13 US-10-677-471-49 Sequence 49, Appl
24 1876 100.0 1876 13 US-10-677-471-49 Sequence 49, Appl
25 1876 100.0 1876 16 US-10-429-667-49 Sequence 49, Appl
26 1776.2 94.7 1923 9 US-09-726-643-12 Sequence 12, Appl
27 1776.2 94.7 1923 14 US-10-042-141-12 Sequence 12, Appl
28 1751 93.3 1856 9 US-09-790-264-1 Sequence 1, Appl
29 1751 93.3 1856 15 US-10-269-353-1 Sequence 1, Appl
30 1721 91.7 1775 13 US-10-169-395-25 Sequence 25, Appl
31 1526.6 81.4 1682 17 US-10-309-290-83 Sequence 83, Appl
32 1296 69.1 1341 13 US-10-169-395-15 Sequence 15, Appl
33 1293 68.9 1338 9 US-09-790-264-3 Sequence 3, Appl
34 1293 68.9 1338 15 US-10-269-353-3 Sequence 3, Appl
35 672.8 35.9 690 9 US-09-884-441-321 Sequence 321, Appl
36 672.8 35.9 690 10 US-09-907-969-321 Sequence 321, Appl
37 672.8 35.9 690 10 US-09-827-271-321 Sequence 321, Appl
38 672.8 35.9 690 15 US-10-198-053-321 Sequence 321, Appl
39 240.2 12.8 516 15 US-10-029-386-8279 Sequence 8279, Appl
40 238.8 12.7 256 13 US-10-029-386-21979 Sequence 21979, Appl
41 232.2 12.4 516 15 US-10-029-386-7982 Sequence 7982, Appl
42 230.8 12.3 256 15 US-10-029-386-21682 Sequence 21682, Appl
43 139.2 7.4 729 13 US-10-027-632-170169 Sequence 170169, Appl
44 139.2 7.4 729 13 US-10-027-632-170170 Sequence 170170, Appl
45 139.2 7.4 729 13 US-10-027-632-170171 Sequence 170171, Appl

ALIGNMENTS

RESULT 1

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; Sequence 49, Application US/09866028
; Patent No. US20020058309A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Flivaroff, Ellen
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kijavini, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P2548P1C1
; CURRENT APPLICATION NUMBER: US/09/866,028
; CURRENT FILING DATE: 2001-05-25
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 49
; LENGTH: 1876
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-866-028-49

Query Match 100.0%; Score 1876; DB 9; Length 1876;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1876; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTCCTTTGTCCACAGCCAGCCGCTGACCTCTCTGGAGATTGTGAATAGCTCCATCCAGCCTG 60
 DB 1 CTCCTTTGTCCACAGCCAGCCGCTGACCTCTCTGGAGATTGTGAATAGCTCCATCCAGCCTG 60
 QY 61 AGAAACAAGCCGGGTGGGTGAGCCAGGCTGTGACAGGAGACCTGACGGGGCCCAACAGAC 120
 DB 61 AGAAACAAGCCGGGTGGGTGAGCCAGGCTGTGACAGGAGACCTGACGGGGCCCAACAGAC 120
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 DB 121 CCATGCTGATCCAGAGACCTCCCTCTGCGGGGGGACATCTCTGCTGTGCTCTGCTGCCC 180
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RESULT 2
 US-09-944-449-49
 ; Sequence 49 Application US/09944449
 ; Patent No. US2002010247A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin
 ; APPLICANT: Botstein, David
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Geritsen, Mary
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul
 ; APPLICANT: Grimaldi, Christopher
 ; APPLICANT: Gurney, Austin
 ; APPLICANT: Hillan, Kenneth

APPLICANT: Kijavin,Ivar
APPLICANT: Napier,Mary
APPLICANT: Roy,Margaret
APPLICANT: Tumas,Daniel
APPLICANT: Wood,William
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P2548P1C1
CURRENT APPLICATION NUMBER: US/09/944,449
CURRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 09/866,028
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: 60/067,411
PRIOR FILING DATE: December 3, 1997
PRIOR APPLICATION NUMBER: 60/069,334
PRIOR FILING DATE: December 11, 1997
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PRIOR FILING DATE: December 11, 1997
PRIOR APPLICATION NUMBER: 60/069,278
PRIOR FILING DATE: December 11, 1997
PRIOR APPLICATION NUMBER: 60/069,425
PRIOR FILING DATE: December 12, 1997
PRIOR APPLICATION NUMBER: 60/069,696
PRIOR FILING DATE: December 16, 1997
PRIOR APPLICATION NUMBER: 60/069,694
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PRIOR APPLICATION NUMBER: 60/069,702
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PRIOR APPLICATION NUMBER: 60/069,870
PRIOR FILING DATE: December 17, 1997
PRIOR APPLICATION NUMBER: 60/069,873
PRIOR FILING DATE: December 17, 1997
PRIOR APPLICATION NUMBER: 60/068,017
PRIOR FILING DATE: December 18, 1997
PRIOR APPLICATION NUMBER: 60/070,440
PRIOR FILING DATE: January 5, 1998
PRIOR APPLICATION NUMBER: 60/074,086
PRIOR FILING DATE: February 9, 1998
PRIOR APPLICATION NUMBER: 60/074,092
PRIOR FILING DATE: February 9, 1998
PRIOR APPLICATION NUMBER: 60/075,945
PRIOR FILING DATE: February 25, 1998
PRIOR APPLICATION NUMBER: 60/112,850
PRIOR FILING DATE: December 16, 1998
PRIOR APPLICATION NUMBER: 60/113,296
PRIOR FILING DATE: December 22, 1998
PRIOR APPLICATION NUMBER: 60/146,222
PRIOR FILING DATE: July 28, 1999
PRIOR APPLICATION NUMBER: PCT/US98/19330
PRIOR FILING DATE: September 16, 1998
PRIOR APPLICATION NUMBER: PCT/US98/25108
PRIOR FILING DATE: December 1, 1998
PRIOR APPLICATION NUMBER: 09/216,021
PRIOR FILING DATE: December 15, 1998
PRIOR APPLICATION NUMBER: 09/218,517
PRIOR FILING DATE: December 22, 1998
PRIOR APPLICATION NUMBER: 09/254,311
PRIOR FILING DATE: March 3, 1999
PRIOR APPLICATION NUMBER: PCT/US99/12252
PRIOR FILING DATE: June 22, 1999
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: September 15, 1999
PRIOR APPLICATION NUMBER: PCT/US99/28409
PRIOR FILING DATE: No. US20020102647A1ember 30, 1999
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: No. US20020102647A1ember 30, 1999
PRIOR APPLICATION NUMBER: PCT/US99/28301
PRIOR FILING DATE: December 11, 1999
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: December 16, 1999
PRIOR APPLICATION NUMBER: PCT/US00/03565
PRIOR FILING DATE: February 11, 2000
PRIOR APPLICATION NUMBER: PCT/US00/04414

PRIOR FILING DATE: February 22, 2000
PRIOR APPLICATION NUMBER: PCT/US00/05841
PRIOR FILING DATE: March 2, 2000
PRIOR APPLICATION NUMBER: PCT/US00/08439
PRIOR FILING DATE: March 30, 2000
PRIOR APPLICATION NUMBER: PCT/US00/14042
PRIOR FILING DATE: May 22, 2000
PRIOR APPLICATION NUMBER: PCT/US00/20710
PRIOR FILING DATE: July 28, 2000
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: December 1, 2000
PRIOR APPLICATION NUMBER: PCT/US01/06520
PRIOR FILING DATE: February 28, 2001
NUMBER OF SEQ ID NOS: 120
SEQ ID NO 49
LENGTH: 1876
TYPE: DNA
ORGANISM: Homo Sapien
US-09-944-449-49

Query Match 100.0%; Score 1876; DB 9; Length 1876;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1876; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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;	Matches 1876; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	Qy	1261	ACTCTTCCGCTGGGCGCACAGGAGGAGCACAGGCTTCAACAGTGTGCTGCTGCTGCTGCTGCTG	1320
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RESULT 5

US-09-945-015-49
; Sequence 49, Application US/09945015
; Patent No. US20020132768A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fillaroff, Ellen
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austen
; APPLICANT: Hillan, Kenneth
; APPLICANT: KJavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel

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1 / APPLICANT: Wood,William
2 / TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
3 / TITLE OF INVENTION: ACIDS ENCODING THE SAME
4 / FILE REFERENCE: P2548P1C1
5 / CURRENT APPLICATION NUMBER: US/09/945,015
6 / CURRENT FILING DATE: 2001-09-26
7 / PRIOR APPLICATION NUMBER: 09/866,028
8 / PRIOR FILING DATE: 2001-05-25
9 / PRIOR APPLICATION NUMBER: 60/067,411
10 / PRIOR FILING DATE: December 3, 1997
11 / PRIOR APPLICATION NUMBER: 60/069,334
12 / PRIOR FILING DATE: December 11, 1997
13 / PRIOR APPLICATION NUMBER: 60/069,335
14 / PRIOR FILING DATE: December 11, 1997
15 / PRIOR APPLICATION NUMBER: 60/069,278
16 / PRIOR FILING DATE: December 11, 1997
17 / PRIOR APPLICATION NUMBER: 60/069,425
18 / PRIOR FILING DATE: December 12, 1997
19 / PRIOR APPLICATION NUMBER: 60/069,696
20 / PRIOR FILING DATE: December 16, 1997
21 / PRIOR APPLICATION NUMBER: 60/069,694
22 / PRIOR FILING DATE: December 16, 1997
23 / PRIOR APPLICATION NUMBER: 60/069,702
24 / PRIOR FILING DATE: December 16, 1997
25 / PRIOR APPLICATION NUMBER: 60/069,870
26 / PRIOR FILING DATE: December 17, 1997
27 / PRIOR APPLICATION NUMBER: 60/069,873
28 / PRIOR FILING DATE: December 17, 1997
29 / PRIOR APPLICATION NUMBER: 60/068,017
30 / PRIOR FILING DATE: December 18, 1997
31 / PRIOR APPLICATION NUMBER: 60/070,440
32 / PRIOR FILING DATE: January 5, 1998
33 / PRIOR APPLICATION NUMBER: 60/074,086
34 / PRIOR FILING DATE: February 9, 1998
35 / PRIOR APPLICATION NUMBER: 60/074,092
36 / PRIOR FILING DATE: February 9, 1998
37 / PRIOR APPLICATION NUMBER: 60/075,945
38 / PRIOR FILING DATE: February 25, 1998
39 / PRIOR APPLICATION NUMBER: 60/112,850
40 / PRIOR FILING DATE: December 16, 1998
41 / PRIOR APPLICATION NUMBER: 60/113,296
42 / PRIOR FILING DATE: December 22, 1998
43 / PRIOR APPLICATION NUMBER: 60/146,222
44 / PRIOR FILING DATE: July 28, 1999
45 / PRIOR APPLICATION NUMBER: PCT/US98/19330
46 / PRIOR FILING DATE: September 16, 1998
47 / PRIOR APPLICATION NUMBER: PCT/US98/25108
48 / PRIOR FILING DATE: December 1, 1998
49 / PRIOR APPLICATION NUMBER: 09/216,021
50 / PRIOR FILING DATE: December 16, 1998
51 / PRIOR APPLICATION NUMBER: 09/218,517
52 / PRIOR FILING DATE: December 22, 1998
53 / PRIOR APPLICATION NUMBER: 09/254,311
54 / PRIOR FILING DATE: March 3, 1999
55 / PRIOR APPLICATION NUMBER: PCT/US99/12252
56 / PRIOR FILING DATE: June 22, 1999
57 / PRIOR APPLICATION NUMBER: PCT/US99/21090
58 / PRIOR FILING DATE: September 15, 1999
59 / PRIOR APPLICATION NUMBER: PCT/US99/28409
60 / PRIOR FILING DATE: No. US20020132768A1ember 30, 1999
61 / PRIOR APPLICATION NUMBER: PCT/US99/28313
62 / PRIOR FILING DATE: No. US20020132768A1ember 30, 1999
63 / PRIOR APPLICATION NUMBER: PCT/US99/28301
64 / PRIOR FILING DATE: December 1, 1999
65 / PRIOR APPLICATION NUMBER: PCT/US99/30095
66 / PRIOR FILING DATE: December 16, 1999
67 / PRIOR APPLICATION NUMBER: PCT/US00/03565
68 / PRIOR FILING DATE: February 11, 2000
69 / PRIOR APPLICATION NUMBER: PCT/US00/04414
70 / PRIOR FILING DATE: February 22, 2000
71 / PRIOR APPLICATION NUMBER: PCT/US00/05841
72 / PRIOR FILING DATE: March 2, 2000
73 / PRIOR APPLICATION NUMBER: PCT/US00/08439

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; PRIOR APPLICATION NUMBER: 09/218,517
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 09/254,311
; PRIOR FILING DATE: March 3, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: June 22, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: September 15, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28409
; PRIOR FILING DATE: No. US20020132981A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: No. US20020132981A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28301
; PRIOR FILING DATE: December 1, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: December 16, 1999
; PRIOR APPLICATION NUMBER: PCT/US00/03565
; PRIOR FILING DATE: February 11, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: February 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: March 2, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: March 30, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: May 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: July 28, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: December 1, 2000
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: February 28, 2001
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 49
; LENGTH: 1876
; TYPE: DNA
; ORGANISM: Homo Sapien
; US-09-944-396-49

Query March 100.0%; Score 1876; DB 9; Length 1876;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1876; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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1	PRIOR APPLICATION NUMBER: 09/866,029	
2	PRIOR FILING DATE: 2001-05-25	
3	PRIOR APPLICATION NUMBER: 60/067,411	
4	PRIOR FILING DATE: December 3, 1997	
5	PRIOR APPLICATION NUMBER: 60/069,334	
6	PRIOR FILING DATE: December 11, 1997	
7	PRIOR APPLICATION NUMBER: 60/069,935	
8	PRIOR FILING DATE: December 11, 1997	
9	PRIOR APPLICATION NUMBER: 60/069,278	
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12	PRIOR FILING DATE: December 12, 1997	
13	PRIOR APPLICATION NUMBER: 60/069,696	
14	PRIOR FILING DATE: December 16, 1997	
15	PRIOR APPLICATION NUMBER: 60/069,894	
16	PRIOR FILING DATE: December 16, 1997	
17	PRIOR APPLICATION NUMBER: 60/069,702	
18	PRIOR FILING DATE: December 16, 1997	
19	PRIOR APPLICATION NUMBER: 60/069,870	
20	PRIOR FILING DATE: December 17, 1997	
21	PRIOR APPLICATION NUMBER: 60/069,873	
22	PRIOR FILING DATE: December 17, 1997	
23	PRIOR APPLICATION NUMBER: 60/068,017	
24	PRIOR FILING DATE: December 18, 1997	
25	PRIOR APPLICATION NUMBER: 60/070,440	
26	PRIOR FILING DATE: January 5, 1998	
27	PRIOR APPLICATION NUMBER: 60/074,086	
28	PRIOR FILING DATE: February 9, 1998	
29	PRIOR APPLICATION NUMBER: 60/074,082	
30	PRIOR FILING DATE: February 9, 1998	
31	PRIOR APPLICATION NUMBER: 60/075,945	
32	PRIOR FILING DATE: February 25, 1998	
33	PRIOR APPLICATION NUMBER: 60/112,850	
34	PRIOR FILING DATE: December 16, 1998	
35	PRIOR APPLICATION NUMBER: 60/113,236	
36	PRIOR FILING DATE: December 22, 1998	
37	PRIOR APPLICATION NUMBER: 60/146,222	
38	PRIOR FILING DATE: July 28, 1999	
39	PRIOR APPLICATION NUMBER: PCT/US98/19330	
40	PRIOR FILING DATE: September 16, 1998	
41	PRIOR APPLICATION NUMBER: PCT/US98/25108	
42	PRIOR FILING DATE: December 1, 1998	
43	PRIOR APPLICATION NUMBER: 09/216,021	
44	PRIOR FILING DATE: December 16, 1998	
45	PRIOR APPLICATION NUMBER: 09/218,517	
46	PRIOR FILING DATE: December 22, 1998	
47	PRIOR APPLICATION NUMBER: 09/254,311	
48	PRIOR FILING DATE: March 3, 1999	
49	PRIOR APPLICATION NUMBER: PCT/US99/12252	
50	PRIOR FILING DATE: June 22, 1999	
51	PRIOR APPLICATION NUMBER: PCT/US99/21090	
52	PRIOR FILING DATE: September 15, 1999	
53	PRIOR APPLICATION NUMBER: PCT/US99/28409	
54	PRIOR FILING DATE: No. US20020142419A1ember 30, 1999	
55	PRIOR APPLICATION NUMBER: PCT/US99/28313	
56	PRIOR FILING DATE: No. US20020142419A1ember 30, 1999	
57	PRIOR APPLICATION NUMBER: PCT/US99/28301	
58	PRIOR FILING DATE: December 1, 1999	
59	PRIOR APPLICATION NUMBER: PCT/US99/30095	
60	PRIOR FILING DATE: December 16, 1999	
61	PRIOR APPLICATION NUMBER: PCT/US00/03565	
62	PRIOR FILING DATE: February 11, 2000	
63	PRIOR APPLICATION NUMBER: PCT/US00/04414	
64	PRIOR FILING DATE: February 22, 2000	
65	PRIOR APPLICATION NUMBER: PCT/US00/05841	
66	PRIOR FILING DATE: March 2, 2000	
67	PRIOR APPLICATION NUMBER: PCT/US00/08439	
68	PRIOR FILING DATE: March 30, 2000	
69	PRIOR APPLICATION NUMBER: PCT/US00/14042	
70	PRIOR FILING DATE: May 22, 2000	
71	PRIOR APPLICATION NUMBER: PCT/US00/20710	
72	PRIOR FILING DATE: July 28, 2000	
73	PRIOR APPLICATION NUMBER: PCT/US00/32678	

; PRIOR FILING DATE: December 1, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US01/06520
 ; PRIOR FILING DATE: February 28, 2001
 ; NUMBER OF SEQ ID NOS: 120
 ; SEQ ID NO 49
 ; LENGTH: 1876
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 US-09-944-433-49

Query Match 100.0%; Score 1876; DB 9; Length 1876;

Query Match	100.0%;	Score 1876;	DB 9;	Length 1876;
Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 1876;	Conservative	0;	Mismatches	0;
			Indels	0;
			Gaps	0;

Qy	1	CTCTTTTGTCCACGACCCAGCCTGACTCTCTGTGAGATTGTGAATAGTCTCATCAGCCTG	60
Db	1	CTCTTTTGTCCACGACCCAGCCTGACTCTCTGTGAGATTGTGAATAGTCTCATCAGCCTG	60
Qy	61	AGAAACAAGCCGGTGGCTGTGACGAGGCTGTGCACGAGACACTGTGACGGGCCCAACAGAC	120
Db	61	AGAAACAAGCCGGTGGCTGTGACGAGGCTGTGCACGAGACACTGTGACGGGCCCAACAGAC	120
Qy	121	CGATGCTGATCCAGAGACCTCCCTGGCCGGGGGCATCTCTGGGTGTGCTCCTGGCCC	180
Db	121	CGATGCTGATCCAGAGACCTCCCTGGCCGGGGGCATCTCTGGGTGTGCTCCTGGCCC	180
Qy	181	TCTTTGGCACCACTGGGCAGAGGTGTGGCCACCCAGCTGCAAGGACAGGCTCCGATGG	240
Db	181	TCTTTGGCACCACTGGGCAGAGGTGTGGCCACCCAGCTGCAAGGACAGGCTCCGATGG	240
Qy	241	CCGGAGCCCTGAACAGGAAGGAGAGTTCTTTGCTCTCTCCCTGCACAAACCGCTCGGCA	300
Db	241	CCGGAGCCCTGAACAGGAAGGAGAGTTCTTTGCTCTCTCCCTGCACAAACCGCTCGGCA	300
Qy	301	GCTGGGTGAGCCCCCTCGGCTGACATGTGCGAGGCTTGGACTGAGTGAACAGCTTGGCCC	360
Db	301	GCTGGGTGAGCCCCCTCGGCTGACATGTGCGAGGCTTGGACTGAGTGAACAGCTTGGCCC	360
Qy	361	AACTGGCTCAAGCCAGGCGACCCCTCTGTGTGAATCCCAACCCCGAGCTGGCATCCGGCC	420
Db	361	AACTGGCTCAAGCCAGGCGACCCCTCTGTGTGAATCCCAACCCCGAGCTGGCATCCGGCC	420
Qy	421	TGTGGCGCACCTGTGAAGTGGGCTTGGAAATGACAGTGTGTGCCCGGGCTTGGCTCTCT	480
Db	421	TGTGGCGCACCTGTGAAGTGGGCTTGGAAATGACAGTGTGTGCCCGGGCTTGGCTCTCT	480
Qy	481	TGTGTTGAAGTGTGAGCCTATGTTTTCAGAGGGGCGAGCGGTACAGCCACGGCGGACGAG	540
Db	481	TGTGTTGAAGTGTGAGCCTATGTTTTCAGAGGGGCGAGCGGTACAGCCACGGCGGACGAG	540
Qy	541	AGTGTGCTCGCAACGCCACCTGCACCCACTACACGACGCTCGTGTGGGCCACCTCAAGCC	600
Db	541	AGTGTGCTCGCAACGCCACCTGCACCCACTACACGACGCTCGTGTGGGCCACCTCAAGCC	600
Qy	601	AGCTGGGTGTGGGGCGCACCTGTGCTCTGAGGCCACAGCGATAGAACCTTTGTCT	660
Db	601	AGCTGGGTGTGGGGCGCACCTGTGCTCTGAGGCCACAGCGATAGAACCTTTGTCT	660
Qy	661	GTGCTACTCCCCGGAGGCAACTGGGAGTCAACGGGAAGACAATCATCCCTATAAGA	720
Db	661	GTGCTACTCCCCGGAGGCAACTGGGAGTCAACGGGAAGACAATCATCCCTATAAGA	720
Qy	721	AGGTTGCTGTGTTTGGTCTTGCAACGCCAGTGTCTCAGGCTGCTTCAAAGCTTGGACC	780
Db	721	AGGTTGCTGTGTTTGGTCTTGCAACGCCAGTGTCTCAGGCTGCTTCAAAGCTTGGACC	780
Qy	781	ATGCAGGGGGCTCTGTGAGTCCCCAGGAATCCTTGTGCGCATGAGCTGCCAGAACCATG	840
Db	781	ATGCAGGGGGCTCTGTGAGTCCCCAGGAATCCTTGTGCGCATGAGCTGCCAGAACCATG	840
Qy	841	GAGCTCTCAACATCAGCACCTGGCACTGTCCCCCTGGCTACAGGGCAGATCT	900
Db	841	GAGCTCTCAACATCAGCACCTGGCACTGTCCCCCTGGCTACAGGGCAGATCT	900

Db 1621 AATGCCAGAGTTGGCAGAGAGAGCGAGGAGCGGAGGCGGAGTGGAGTGT 1680
QY 1681 AGAAGAGCTGGGGCCCTTCGCTGCTTTTGAATTGGGAAGATGGGCTTCAATTAGATGCC 1740
Db 1681 AGAAGAGCTGGGGCCCTTCGCTGCTTTTGAATTGGGAAGATGGGCTTCAATTAGATGCC 1740
QY 1741 GAAGGAGAGACACCCGCCAGTGTCTCCAAAAGGCTGCTCTTCCACCTGGGCCAGAGCC 1800
Db 1741 GAAGGAGAGACACCCGCCAGTGTCTCCAAAAGGCTGCTCTTCCACCTGGGCCAGAGCC 1800
QY 1801 TGTGGGCGAGGAGCTTCCCTGTGGCATGAACCCACCGGGTATTAATTATGAATCAG 1860
Db 1801 TGTGGGCGAGGAGCTTCCCTGTGGCATGAACCCACCGGGTATTAATTATGAATCAG 1860
QY 1861 CTGAAAAA 1876
Db 1861 CTGAAAAA 1876

RESULT 10

US-09-944-654-49
; Sequence 49, Application US/09944654
; Patent No. US20020142959A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerlitsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kljavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P2548P1C1
; CURRENT APPLICATION NUMBER: US/09/944,654
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/866,028
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/067,411
; PRIOR FILING DATE: December 3, 1997
; PRIOR APPLICATION NUMBER: 60/069,334
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,335
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,278
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,425
; PRIOR FILING DATE: December 12, 1997
; PRIOR APPLICATION NUMBER: 60/069,696
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,694
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,702
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,870
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069,873
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/068,017
; PRIOR FILING DATE: December 18, 1997
; PRIOR APPLICATION NUMBER: 60/070,440
; PRIOR FILING DATE: January 5, 1998
; PRIOR APPLICATION NUMBER: 60/074,086

; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/074,092
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/075,945
; PRIOR FILING DATE: February 25, 1998
; PRIOR APPLICATION NUMBER: 60/112,850
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 60/113,296
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 60/146,222
; PRIOR FILING DATE: July 28, 1999
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: September 16, 1998
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: December 1, 1998
; PRIOR APPLICATION NUMBER: 09/216,021
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 09/218,517
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 09/254,311
; PRIOR FILING DATE: March 3, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: June 22, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: September 15, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28409
; PRIOR FILING DATE: NO. US20020142359A1
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: NO. US20020142359A1
; PRIOR APPLICATION NUMBER: PCT/US99/28301
; PRIOR FILING DATE: December 1, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: December 16, 1999
; PRIOR APPLICATION NUMBER: PCT/US00/03565
; PRIOR FILING DATE: February 11, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: February 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: March 2, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: March 30, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: May 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: July 28, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: December 1, 2000
; PRIOR APPLICATION NUMBER: PCT/US01/04520
; PRIOR FILING DATE: February 28, 2001
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 49
; LENGTH: 1876
; TYPE: DNA
; ORGANISM: Homo Sapien
; US-09-944-654-49

Query Match 100.0%; Score 1876; DB 9; Length 1876;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1876; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTCTTTTGTCCACGAGCCAGCTGACTCTCTGAGATGTAATAGTCTCCATCCAGCTG 60
Db 1 CTCTTTTGTCCACGAGCCAGCTGACTCTCTGAGATGTAATAGTCTCCATCCAGCTG 60
QY 61 AGAAACAAGCCGGGTGGCTGAGCCAGCTGTGACGAGCAGCTGACGGGCCCAACAGAC 120
Db 61 AGAAACAAGCCGGGTGGCTGAGCCAGCTGTGACGAGCAGCTGACGGGCCCAACAGAC 120
QY 121 CCATGCTGCATCCAGACACCTCCCTGGCGGGGATCTCTCTGGCTGTGCTCTGCCCC 180
Db 121 CCATGCTGCATCCAGACACCTCCCTGGCGGGGATCTCTCTGGCTGTGCTCTGCCCC 180
QY 181 TCCTTGGCAACCACTGGGAGAGGTGTGGCCACCCAGCTGCAGGAGAGGCTCCGATGG 240

;; PRIOR APPLICATION NUMBER: 60/069,334
;; PRIOR FILING DATE: December 11, 1997
;; PRIOR APPLICATION NUMBER: 60/069,335
;; PRIOR FILING DATE: December 11, 1997
;; PRIOR APPLICATION NUMBER: 60/069,278
;; PRIOR FILING DATE: December 11, 1997
;; PRIOR APPLICATION NUMBER: 60/069,425
;; PRIOR FILING DATE: December 12, 1997
;; PRIOR APPLICATION NUMBER: 60/069,696
;; PRIOR FILING DATE: December 16, 1997
;; PRIOR APPLICATION NUMBER: 60/069,694
;; PRIOR FILING DATE: December 15, 1997
;; PRIOR APPLICATION NUMBER: 60/069,702
;; PRIOR FILING DATE: December 16, 1997
;; PRIOR APPLICATION NUMBER: 60/069,870
;; PRIOR FILING DATE: December 17, 1997
;; PRIOR APPLICATION NUMBER: 60/069,873
;; PRIOR FILING DATE: December 17, 1997
;; PRIOR APPLICATION NUMBER: 60/068,017
;; PRIOR FILING DATE: December 18, 1997
;; PRIOR APPLICATION NUMBER: 60/070,440
;; PRIOR FILING DATE: January 5, 1998
;; PRIOR APPLICATION NUMBER: 60/074,086
;; PRIOR FILING DATE: February 9, 1998
;; PRIOR APPLICATION NUMBER: 60/074,092
;; PRIOR FILING DATE: February 9, 1998
;; PRIOR APPLICATION NUMBER: 60/075,945
;; PRIOR FILING DATE: February 25, 1998
;; PRIOR APPLICATION NUMBER: 60/112,850
;; PRIOR FILING DATE: December 16, 1998
;; PRIOR APPLICATION NUMBER: 60/113,296
;; PRIOR FILING DATE: December 22, 1998
;; PRIOR APPLICATION NUMBER: 60/146,222
;; PRIOR FILING DATE: July 28, 1999
;; PRIOR APPLICATION NUMBER: PCT/US98/19330
;; PRIOR FILING DATE: September 16, 1998
;; PRIOR APPLICATION NUMBER: PCT/US98/25108
;; PRIOR FILING DATE: December 1, 1998
;; PRIOR APPLICATION NUMBER: 09/216,021
;; PRIOR FILING DATE: December 15, 1998
;; PRIOR APPLICATION NUMBER: 09/218,517
;; PRIOR FILING DATE: December 22, 1998
;; PRIOR APPLICATION NUMBER: 09/254,311
;; PRIOR FILING DATE: March 3, 1999
;; PRIOR APPLICATION NUMBER: PCT/US99/12252
;; PRIOR FILING DATE: June 22, 1999
;; PRIOR APPLICATION NUMBER: PCT/US99/21090
;; PRIOR FILING DATE: September 15, 1999
;; PRIOR APPLICATION NUMBER: PCT/US99/28409
;; PRIOR FILING DATE: No. US20020150976A1ember 30, 1999
;; PRIOR APPLICATION NUMBER: PCT/US99/28313
;; PRIOR FILING DATE: No. US20020150976A1ember 30, 1999
;; PRIOR APPLICATION NUMBER: PCT/US99/28301
;; PRIOR FILING DATE: December 1, 1999
;; PRIOR APPLICATION NUMBER: PCT/US99/30095
;; PRIOR FILING DATE: December 16, 1999
;; PRIOR APPLICATION NUMBER: PCT/US00/03565
;; PRIOR FILING DATE: February 11, 2000
;; PRIOR APPLICATION NUMBER: PCT/US00/04414
;; PRIOR FILING DATE: February 22, 2000
;; PRIOR APPLICATION NUMBER: PCT/US00/05841
;; PRIOR FILING DATE: March 2, 2000
;; PRIOR APPLICATION NUMBER: PCT/US00/08439
;; PRIOR FILING DATE: March 30, 2000
;; PRIOR APPLICATION NUMBER: PCT/US00/14042
;; PRIOR FILING DATE: May 22, 2000
;; PRIOR APPLICATION NUMBER: PCT/US00/20710
;; PRIOR FILING DATE: July 28, 2000
;; PRIOR APPLICATION NUMBER: PCT/US00/32678
;; PRIOR FILING DATE: December 1, 2000
;; PRIOR APPLICATION NUMBER: PCT/US01/06520
;; PRIOR FILING DATE: February 28, 2001
;; NUMBER OF SEQ ID NOS: 120

;; SEQ ID NO 49
;; LENGTH: 1876
;; TYPE: DNA
;; ORGANISM: Homo Sapien
US-09-943-851A-49

Query Match 100.0%; Score 1876; DB 9; Length 1876;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1876; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CTCTTTTGTCCACACAGCCAGCCAGCTGACTCTCTGGAGATTGTGAATAGCTCCATCCAGCCTG 60
Db 1 CTCTTTTGTCCACACAGCCAGCCAGCTGACTCTCTGGAGATTGTGAATAGCTCCATCCAGCCTG 60
Qy 61 AGAAACAAAGCCGGGTGGCTGAGCCAGGCTGTGCACGGAGCACTGACGGGCCCCAACAGAC 120
Db 61 AGAAACAAAGCCGGGTGGCTGAGCCAGGCTGTGCACGGAGCACTGACGGGCCCCAACAGAC 120
Qy 121 CCATGCTGCATCCAGAGACCTCCCTGGCCGGGGGCACTCTCTGGGCTGTGCTCTCTGGCCC 180
Db 121 CCATGCTGCATCCAGAGACCTCCCTGGCCGGGGGCACTCTCTGGGCTGTGCTCTCTGGCCC 180
Qy 181 TCCTTGGCACCACTGGGCGAGAGGTGTGGCCACCCAGCTGCAGGAGCAGGCTCCGATGG 240
Db 181 TCCTTGGCACCACTGGGCGAGAGGTGTGGCCACCCAGCTGCAGGAGCAGGCTCCGATGG 240
Qy 241 CCGAGGCCCTGAAACAGAGAGAGTTTCTTGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 300
Db 241 CCGAGGCCCTGAAACAGAGAGAGTTTCTTGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 300
Qy 301 GCTGGGTCCAGCCCCCTGGCGGTGACATCGGAGGTGCACTGGAGTGAGTGAAGTGAAGTGG 360
Db 301 GCTGGGTCCAGCCCCCTGGCGGTGACATCGGAGGTGCACTGGAGTGAGTGAAGTGAAGTGG 360
Qy 361 AACTGGCTCAGCCAGGCGAGCCCTCTGTGGATCCCAACCCCGAGCCCTGGATCCGGCC 420
Db 361 AACTGGCTCAGCCAGGCGAGCCCTCTGTGGATCCCAACCCCGAGCCCTGGATCCGGCC 420
Qy 421 TGTGGGCGACCTGCAAGTGGGCTGGAAACATGCACTGTGCTGCTGCTGCTGCTGCTGCTGCT 480
Db 421 TGTGGGCGACCTGCAAGTGGGCTGGAAACATGCACTGTGCTGCTGCTGCTGCTGCTGCTGCT 480
Qy 481 TTGTTGAAGTGTGAGCTATGTTTGGAGAGGGGAGGGTACAGCCAGGGGAGGAG 540
Db 481 TTGTTGAAGTGTGAGCTATGTTTGGAGAGGGGAGGGTACAGCCAGGGGAGGAG 540
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Db 541 AGTGTGCTCGCAACGCGCACCTGCAACCACTACACGAGCTCGTGTGGGCGACCTCAAGCC 600
Qy 601 AGTGGGCTGTGGGGGCGACCTGTGCTGTGAGGCCAGACAGGATAGAGGCTTTGTCT 660
Db 601 AGTGGGCTGTGGGGGCGACCTGTGCTGTGAGGCCAGACAGGATAGAGGCTTTGTCT 660
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Qy 781 ATGACGGGGGCTCTGTGAGTCCCGAGGAATCTTGTGCGCATGAGTGCAGAACCATG 840
Db 781 ATGACGGGGGCTCTGTGAGTCCCGAGGAATCTTGTGCGCATGAGTGCAGAACCATG 840
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Db 841 GAGCTCTCAACATCAGCACCTGCGCACTGTCCCTCTGCTACACGGGAGATCT 900
Qy 901 GCCAAGTGAGGTGAGCTGAGTGTGACAGGGGCTTCCGGGAGGAGGAGTGTCTCT 960
Db 901 GCCAAGTGAGGTGAGCTGAGTGTGACAGGGGCTTCCGGGAGGAGGAGTGTCTCTCT 960

961 GCCTCTGTGACATCGGTACGGGGAGCCAGTGTGCCACCAAGTGCAATTTCCCTTCC 1020
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961 GCCTCTGTGACATCGGTACGGGGAGCCAGTGTGCCACCAAGTGCAATTTCCCTTCC 1020
Qy |||||
1021 ACACCTGTGACCTTGAGGATCGACGGAGACTGCTTTCATGTGTCTTCAGAGGAGACACCT 1080
Db |||||
1021 ACACCTGTGACCTTGAGGATCGACGGAGACTGCTTTCATGTGTCTTCAGAGGAGACACCT 1080
Qy |||||
1081 ATTACAGAGCAGGATGAATGTACAGGAAGCGGGGTGCTGGCCGACATCAAGAGCC 1140
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1081 ATTACAGAGCAGGATGAATGTACAGGAAGCGGGGTGCTGGCCGACATCAAGAGCC 1140
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1141 AGAAGTGACAGCATCCTCGCCTTCTATCTGGGCGCCTGGAGACCAACACGAGTGA 1200
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1201 CTGACAGTGAATCTTGAGACACAGAACTTCTGGATCGGGCTTACCTTACAGACCGCCAAAG 1260
Db |||||
1201 CTGACAGTGAATCTTGAGACACAGAACTTCTGGATCGGGCTTACCTTACAGACCGCCAAAG 1260
Qy |||||
1261 ACTCCTTCGCTCGGCGCACAGGGGAGCACACAGGCTTCCACAGTTTGGCTTTGGGCGAC 1320
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1261 ACTCCTTCGCTCGGCGCACAGGGGAGCACACAGGCTTCCACAGTTTGGCTTTGGGCGAC 1320
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1321 CTGACAAACACCGGCTGTGTGCTGAGTGTCTGCCATGGGTTTGGCAACTGCTGGAGC 1380
Db |||||
1321 CTGACAAACACCGGCTGTGTGCTGAGTGTCTGCCATGGGTTTGGCAACTGCTGGAGC 1380
Qy |||||
1381 TGCAGGCTTCAGTGTCTTCACTGTGACAGCAGCAGGCTGCAAAACCCGAAACCGTTACA 1440
Db |||||
1381 TGCAGGCTTCAGTGTCTTCACTGTGACAGCAGCAGGCTGCAAAACCCGAAACCGTTACA 1440
Qy |||||
1441 TCTGCCAGTTTGGCCAGGACACATCTCCGGTGGGCGCCAGGGTCTCAGAGCCTTGAC 1500
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1501 CATGGCTCCCTCGCTCGCTGGAGACACCGGCTCTGCTTACTGCTGCCACCTGTCT 1560
Db |||||
1501 CATGGCTCCCTCGCTCGCTGGAGACACCGGCTCTGCTTACTGCTGCCACCTGTCT 1560
Qy |||||
1561 GGAACAGGGCCAGGTTAAGACACATGCTCATGTCCAAAGAGTCTCAGAGCCTTGAC 1620
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1621 AATGCCAGAGTTGGCCAGAGAGCAGGAGCCAGTGAGGGCCAGGGAGTGAGTGT 1680
Db |||||
1621 AATGCCAGAGTTGGCCAGAGAGCAGGAGCCAGTGAGGGCCAGGGAGTGAGTGT 1680
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1681 AGAAGAGCTGGGCGCTTCCGCTGCTTTGATTGGAGATGGGCTTCAATTAGATGC 1740
Db |||||
1681 AGAAGAGCTGGGCGCTTCCGCTGCTTTGATTGGAGATGGGCTTCAATTAGATGC 1740
Qy |||||
1741 GAAGGAGAGGACACCGCCAGTGTGTCACAAAGAGCTGCTCTCTTCCACCTGGCCGAGACC 1800
Db |||||
1801 TGTTGGGCGCAGGAGCTTCCCTGTGCGATGAACCCACCGGGTATTAAATTATGATCAG 1860
Db |||||
1801 TGTTGGGCGCAGGAGCTTCCCTGTGCGATGAACCCACCGGGTATTAAATTATGATCAG 1860
Qy |||||
1861 CTGAAAAAATTTTTTTT 1876
Db |||||
1861 CTGAAAAAATTTTTTTT 1876

RESULT 12

US-09-944-413-49
; Sequence 49, Application US/09944413
; Patent No. US200201560041
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David

APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul
APPLICANT: Grimaldi, Christopher
APPLICANT: Gurney, Austin
APPLICANT: Hillan, Kenneth
APPLICANT: Kljavin, Ivar
APPLICANT: Napier, Mary
APPLICANT: Roy, Margaret
APPLICANT: Tumas, Daniel
APPLICANT: Wood, William

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P2548P1C1

CURRENT APPLICATION NUMBER: US/09/944,413
CURRENT FILING DATE: 2001-09-26

PRIOR APPLICATION NUMBER: 09/866,028
PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: 60/067,411
PRIOR FILING DATE: December 3, 1997

PRIOR APPLICATION NUMBER: 60/069,334
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PRIOR FILING DATE: December 12, 1997

PRIOR APPLICATION NUMBER: 60/069,696
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PRIOR APPLICATION NUMBER: 60/069,694
PRIOR FILING DATE: December 16, 1997

PRIOR APPLICATION NUMBER: 60/069,702
PRIOR FILING DATE: December 16, 1997

PRIOR APPLICATION NUMBER: 60/069,870
PRIOR FILING DATE: December 17, 1997

PRIOR APPLICATION NUMBER: 60/069,873
PRIOR FILING DATE: December 17, 1997

PRIOR APPLICATION NUMBER: 60/068,017
PRIOR FILING DATE: December 18, 1997

PRIOR APPLICATION NUMBER: 60/070,440
PRIOR FILING DATE: January 5, 1998

PRIOR APPLICATION NUMBER: 60/074,086
PRIOR FILING DATE: February 9, 1998

PRIOR APPLICATION NUMBER: 60/074,092
PRIOR FILING DATE: February 9, 1998

PRIOR APPLICATION NUMBER: 60/075,945
PRIOR FILING DATE: February 25, 1998

PRIOR APPLICATION NUMBER: 60/112,850
PRIOR FILING DATE: December 16, 1998

PRIOR APPLICATION NUMBER: 60/113,296
PRIOR FILING DATE: December 22, 1998

PRIOR APPLICATION NUMBER: 60/146,222
PRIOR FILING DATE: July 28, 1999

PRIOR APPLICATION NUMBER: PCT/US98/19330
PRIOR FILING DATE: September 16, 1998

PRIOR APPLICATION NUMBER: PCT/US98/25108
PRIOR FILING DATE: December 1, 1998

PRIOR APPLICATION NUMBER: 09/216,021
PRIOR FILING DATE: December 16, 1998

PRIOR APPLICATION NUMBER: 09/218,517
PRIOR FILING DATE: December 22, 1998

PRIOR APPLICATION NUMBER: 09/254,311
PRIOR FILING DATE: March 3, 1999

PRIOR APPLICATION NUMBER: PCT/US99/12252
PRIOR FILING DATE: June 22, 1999

PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: September 15, 1999

PRIOR APPLICATION NUMBER: PCT/US99/28409
PRIOR FILING DATE: No. US200201560041

PRIOR APPLICATION NUMBER: PCT/US99/12252
PRIOR FILING DATE: June 22, 1999

PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: September 15, 1999

PRIOR APPLICATION NUMBER: PCT/US99/28409
PRIOR FILING DATE: No. US200201560041

PRIOR APPLICATION NUMBER: PCT/US99/12252
PRIOR FILING DATE: June 22, 1999

PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: September 15, 1999

PRIOR APPLICATION NUMBER: PCT/US99/28409
PRIOR FILING DATE: No. US200201560041

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RESULT 13

US-09-944-403-49
; Sequence 49, Application US/09944403
; Patent No. US20020165143A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerriksen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kijavini, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: F2548P1C1
; CURRENT APPLICATION NUMBER: US/09/944,403
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/866,028
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/067,411
; PRIOR FILING DATE: December 3, 1997
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; PRIOR APPLICATION NUMBER: 60/068,017
; PRIOR FILING DATE: December 18, 1997
; PRIOR APPLICATION NUMBER: 60/070,440
; PRIOR FILING DATE: January 5, 1998
; PRIOR APPLICATION NUMBER: 60/074,086
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/074,092
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/075,945

; PRIOR FILING DATE: February 25, 1998
; PRIOR APPLICATION NUMBER: 60/112,850
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 60/113,296
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 60/146,222
; PRIOR FILING DATE: July 28, 1999
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: September 16, 1998
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: December 1, 1998
; PRIOR APPLICATION NUMBER: 09/216,021
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 09/218,517
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 09/254,311
; PRIOR FILING DATE: March 3, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: June 22, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: September 15, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28409
; PRIOR FILING DATE: No. US20020165143A1ember 30, 1999
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; PRIOR FILING DATE: No. US20020165143A1ember 30, 1999
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; PRIOR APPLICATION NUMBER: PCT/US00/03565
; PRIOR FILING DATE: February 11, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: February 22, 2000
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; PRIOR FILING DATE: March 2, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: March 30, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: May 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: July 28, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: December 1, 2000
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: February 28, 2001
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 49
; LENGTH: 1876
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-944-403-49

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Matches 1876; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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RESULT 14

US-09-944-896-49

; Sequence 49, Application US/09944896

; Patent No. US20020168715A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin

; APPLICANT: Botstein, David

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gerritsen, Mary

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul

; APPLICANT: Grimaldi, Christopher

; APPLICANT: Gurney, Austin

; APPLICANT: Hillan, Kenneth

; APPLICANT: Kljavin, Ivar

; APPLICANT: Napier, Mary

; APPLICANT: Roy, Margaret

; APPLICANT: Tumas, Daniel

; APPLICANT: Wood, William

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P2548P1C1
; CURRENT APPLICATION NUMBER: US/09/944, 896
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: 09/866, 028
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/069, 334
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069, 335
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; PRIOR APPLICATION NUMBER: 60/069, 278
; PRIOR FILING DATE: December 11, 1997

1 PRIOR APPLICATION NUMBER: 60/069,425
2 PRIOR FILING DATE: December 12, 1997
3 PRIOR APPLICATION NUMBER: 60/069,686
4 PRIOR FILING DATE: December 16, 1997
5 PRIOR APPLICATION NUMBER: 60/069,694
6 PRIOR FILING DATE: December 16, 1997
7 PRIOR APPLICATION NUMBER: 60/069,702
8 PRIOR FILING DATE: December 16, 1997
9 PRIOR APPLICATION NUMBER: 60/069,870
10 PRIOR FILING DATE: December 17, 1997
11 PRIOR APPLICATION NUMBER: 60/069,873
12 PRIOR FILING DATE: December 17, 1997
13 PRIOR APPLICATION NUMBER: 60/068,017
14 PRIOR FILING DATE: December 18, 1997
15 PRIOR APPLICATION NUMBER: 60/070,440
16 PRIOR FILING DATE: January 5, 1998
17 PRIOR APPLICATION NUMBER: 60/074,086
18 PRIOR FILING DATE: February 9, 1998
19 PRIOR APPLICATION NUMBER: 60/074,092
20 PRIOR FILING DATE: February 9, 1998
21 PRIOR APPLICATION NUMBER: 60/075,945
22 PRIOR FILING DATE: February 25, 1998
23 PRIOR APPLICATION NUMBER: 60/112,850
24 PRIOR FILING DATE: December 16, 1998
25 PRIOR APPLICATION NUMBER: 60/113,296
26 PRIOR FILING DATE: December 22, 1998
27 PRIOR APPLICATION NUMBER: 60/146,222
28 PRIOR FILING DATE: July 28, 1999
29 PRIOR APPLICATION NUMBER: PCT/US98/19330
30 PRIOR FILING DATE: September 15, 1998
31 PRIOR APPLICATION NUMBER: PCT/US98/25108
32 PRIOR FILING DATE: December 1, 1998
33 PRIOR APPLICATION NUMBER: 09/216,021
34 PRIOR FILING DATE: December 16, 1998
35 PRIOR APPLICATION NUMBER: 09/218,517
36 PRIOR FILING DATE: December 22, 1998
37 PRIOR APPLICATION NUMBER: 09/254,311
38 PRIOR FILING DATE: March 3, 1999
39 PRIOR APPLICATION NUMBER: PCT/US99/12252
40 PRIOR FILING DATE: June 22, 1999
41 PRIOR APPLICATION NUMBER: PCT/US99/21090
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43 PRIOR APPLICATION NUMBER: PCT/US99/28409
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50 PRIOR FILING DATE: December 16, 1999
51 PRIOR APPLICATION NUMBER: PCT/US00/03565
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53 PRIOR APPLICATION NUMBER: PCT/US00/04414
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56 PRIOR FILING DATE: March 2, 2000
57 PRIOR APPLICATION NUMBER: PCT/US00/08439
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59 PRIOR APPLICATION NUMBER: PCT/US00/14042
60 PRIOR FILING DATE: May 22, 2000
61 PRIOR APPLICATION NUMBER: PCT/US00/20710
62 PRIOR FILING DATE: July 28, 2000
63 PRIOR APPLICATION NUMBER: PCT/US00/32678
64 PRIOR FILING DATE: December 1, 2000
65 PRIOR APPLICATION NUMBER: PCT/US01/04520
66 PRIOR FILING DATE: February 28, 2001
67 NUMBER OF SEQ ID NOS: 120
68 SEQ ID NO 49
69 LENGTH: 1876
70 TYPE: DNA
71 ORGANISM: Homo Sapien
72 US-09-944-896-49

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Best Local Similarity 100.0%; Pred. No. 0;
Matches 1876; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Job time : 885 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: September 9, 2004, 09:08:53 ; Search time 34 Seconds
(without alignments)

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 Perfect score: 2529
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Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs. 51625971 residues

Total number of hits satisfying chosen parameters: 389414

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Maximum DB seq length: 2000000000
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 s

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	272	10.8	463	4	US-09-907-794A-385	Sequence 285, App	
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4	272	10.8	463	4	US-09-902-775A-385	Sequence 1, Appl	
5	267	10.6	270	2	US-08-773-368-1	Sequence 1, Appl	
6	267	10.6	270	3	US-09-199-887-1	Sequence 3, Appl	
7	232	9.2	219	2	US-08-773-368-3	Sequence 3, Appl	
8	232	9.2	219	3	US-09-199-887-3	Sequence 3, Appl	
9	231	9.1	266	2	US-08-773-368-4	Sequence 4, Appl	
10	231	9.1	266	3	US-09-199-887-4	Sequence 4, Appl	
11	212	8.4	1257	1	US-08-340-428B-49	Sequence 49, Appl	
12	196	7.8	2409	6	5180808-2	Patent No. 5180808	
13	189.5	7.5	1455	3	US-08-840-062-5	Sequence 5, Appl	
14	185	7.3	151	1	US-08-614-935-28	Sequence 28, Appl	
15	185	7.3	151	3	US-09-130-287-28	Sequence 28, Appl	
16	182.5	7.2	135	2	US-07-857-224B-98	Sequence 97, Appl	
17	182.5	7.2	135	2	US-07-857-224B-98	Sequence 98, Appl	
18	180.5	7.1	135	2	US-07-857-224B-99	Sequence 99, Appl	
19	180.5	7.1	205	1	US-08-419-411-10	Sequence 10, Appl	
20	180.5	7.1	205	1	US-08-614-935-6	Sequence 6, Appl	
21	180.5	7.1	205	1	US-08-614-935-7	Sequence 7, Appl	
22	180.5	7.1	205	3	US-09-130-287-6	Sequence 6, Appl	
23	180.5	7.1	205	3	US-09-130-287-7	Sequence 7, Appl	
24	178.5	7.1	1456	4	US-09-976-594-168	Sequence 168, App	
25	178	7.0	737	4	US-09-866-028-15	Sequence 15, Appl	
26	174	6.9	111	2	US-07-857-224B-105	Sequence 105, App	
27	172	6.8	138	2	US-07-857-224B-10	Sequence 100, App	

ALIGNMENTS

RESULT 1
US-09-866-028-50
; Sequence 50, Application.US/09866028
; Patent No. 6642360
; GENERAL INFORMATION.

Query Match	100.0%;	Score 2529;	DB 4;	Length 455;
Best Local Similarity	100.0%;	Pred. No. 1.2e-218;		

1	MLHPETSPGRGHLIAVLALLGTTWAEVWPQIQEQAPMAGALNRKESFLLLSLHNRLRS	60	QY
1	MLHPETSPGRGHLIAVLALLGTTWAEVWPQIQEQAPMAGALNRKESFLLLSLHNRLRS	60	Db
61	WVQPPADMRLDWSDSLQAQAARAALCGIPTPSLASGLWRTLQVGNWMLLPAGLASF	120	QY
61	WYQPPADMRLDWSDSLQAQAARAALCGIPTPSLASGLWRTLQVGNWMLLPAGLASF	120	Db
121	VEVSLWFAEQRYSHAAGECARNATCTHTYTLVWATSSQLGGRHLCSAGQTALFAFVC	180	QY
121	VEVSLWFAEQRYSHAAGECARNATCTHTYTLVWATSSQLGGRHLCSAGQTALFAFVC	180	Db

[illegible]

RESULT 2

US-09-907-794A-285
; Sequence 285, Application US/09907794A
; Patent No. 6635468

; Pallet NO. 6633468
; GENERAL INFORMATION:

```

/ GENERAL INFORMATION:
/ APPLICANT: Genentech, Inc.
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Botschein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan L
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Flvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, A.
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth, J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Mather, Jennie P.
/ APPLICANT: Pan, James
/ APPLICANT: Proni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William, I.
/ TITLE OF INVENTION: Secreted and Tra
/ TITLE OF INVENTION: Acids Encoding
/ FILE REFERENCE: 10466-14
/ CURRENT APPLICATION NUMBER: US/09/90
/ CURRENT FILING DATE: 2001-07-17
/ PRIOR APPLICATION NUMBER: PCT/US00/0
/ PRIOR FILING DATE: 2000-02-22
/ PRIOR APPLICATION NUMBER: US 60/143,
/ PRIOR FILING DATE: 1999-07-07
/ PRIOR APPLICATION NUMBER: US 60/145,
/ PRIOR FILING DATE: 1999-07-26
/ PRIOR APPLICATION NUMBER: US 60/146,
/ PRIOR FILING DATE: 1999-07-28
/ PRIOR APPLICATION NUMBER: PCT/US99/2
/ PRIOR FILING DATE: 1999-09-08
/ PRIOR APPLICATION NUMBER: PCT/US99/2
/ PRIOR FILING DATE: 1999-09-13
/ PRIOR APPLICATION NUMBER: PCT/US99/2
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/2
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/2

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; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 285
; LENGTH: 463
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-907-794A-285

Query Match          10.8%; Score 272; DB 4; Length 463;
Best Local Similarity 31.9%; Pred. No. 3,7e-16;
Matches 74; Conservative 28; Mismatches 78; Indels 52; Gaps 9;

QY 13 LLAIVLALIGTTWAEVWPQLQEQAPMAGALNKRKESFLLLSLHNRILRSWVQPPAADMRRL 72
Db 11 LAFPLELLLVATT-----GVV-GALTDEEKRLMVELHNLNLYRAQVSPFASDMLHM 57
QY 73 DMSDSLQAQAAPAAALCGIPTPSLASGLNRTLQVGWNMQLLPAGLASFV-----EV 123
Db 58 RWDEELAAFAKAYARQC-----VW-----GHNKERRGRGENLFAITDEGMDVPLA 102
QY 124 VSLWFAEGORYSHAAAGECAENATCTHYTLQVWATSSQLCGGRHLC-----SAGOTALEAFV 179
Db 103 MEEMHHHERHYNLSAATCGPGQVCGHYTQVWAKTERICGSHFCBKLQGVETNIELLV 162
QY 180 CAYSPGNGNEVNGKTIIPYKKGAWCSLCTASVSGCFKAWDHAGLCEVRPNP 231
Db 163 CNYEPPGNN-VKGR--FYOEGNPPCSQCS-----GVKCKNSLCEPFGSP 203

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RESULT 3

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US-09-905-125A-285
; Sequence 285, Application US/09905125A
; Patent No. 6664376
; GENERAL INFORMATION:
; APPLICANT: Genetech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivan J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel

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; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905/125A
; PRIOR FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 285
; LENGTH: 463
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-905-125A-285

Query Match
Best Local Similarity 10.8%; Score 272; DB 4; Length 463;
Matches 74; Conservative 28; Mismatches 78; Indels 52; Gaps 9;

QY 13 LLAVLLALGTTWAEVWPQLOEQAPMAGALNRKESFLLSLHNRLSRWVQPPADMRRL 72
DB 11 LPLFLLLLVATT-----GPFV-GALTDDEKRLMVELHNLRYAQVSPASDMLHM 57
QY 73 DWSDSLQAQLAARAAALCGITPTFSLASGLWRTLQGVNMMOLLPAGLASFV-----EV 123
DB 58 RWDEELAAFAKAYARQC-----VH-----GHNKRGGRGENLFAITDEGMDVPLA 102
QY 124 VSLWFAEGORYSHAAGECARNATCTHYTQVWATSSQGCGRHLC-----SAGQTAIFA 179
DB 103 MEEWHHERHYNLSAATCSFGQMGCHYTQVWAKTERIGCGSHFCEKLGQVBEETNIELLV 162
QY 180 CAYSPGNGWVNGKTIIPYKKGAWCSLCTASVSGCFKAWDHAGGLCEVPRNP 231
DB 163 CNYEPPGN--VKGR--PYQEGTPCSQCPs-----GHCKNSLCEPIGSP 203

RESULT 4
US-09-902-775A-285
; Sequence 285, Application US/09902775A
; Patent No. 6696451
```

```

; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/902,775A
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 285
; LENGTH: 463
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-902-775A-285

Query Match
10.8%; Score 272; DB 4; Length 463;
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Best Local Similarity 31.9%; Pred. No. 3.7e-16;
Matches 74; Conservative 28; Mismatches 78; Indels 52; Gaps 9;

QY 13 LLAVALLALGTTWAEVWPPLQEQAPMAGALNRKESFLLSLHNRLSRWVQPPAADMRRL 72
Db 11 LLPLLLLVATT-----GPN-CALTDEKRLMVELHNLVRAQVSTASDMLHM 57

QY 73 DWSDSLQAQAALCGIPTPSLASGLWRTLVQGNMQLLPAGLASFV-----EV 123
Db 58 RWDEELAAFAKAYARQC-----VW-----GHNKERGRGRENLFATIDEGMDVPLA 102

QY 124 VSLWFAEGORYSHAGECARNATCTHYTOLVWATSSQLCGRHLG-----SAGQTAIEAFV 179
Db 103 MEWHHERHYNLNLSAATSPGQMGHYTVVWAKTERIGCGSHFCEKLGQVEETNIELLV 162

QY 180 CAYSPGNGNEVNGKTIIPYKKGAWCSLCTASVSGCFKAWDHAGGLCEVPRNP 231
Db 163 CNYEPPGN--VKGR--PYQEGTPCSQCPs-----GVHCKNSLCEPIGSP 203

RESULT 5

US-08-773-368-1
; Sequence 1, Application US/08773368
; Patent No. 5856130
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PATHOGENESIS-RELATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/773,368
; FILING DATE:
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy RJ
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0186 US
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 270 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: 1599164

US-08-773-368-1

Query Match 10.6%; Score 267; DB 2; Length 270;
Best Local Similarity 31.5%; Pred. No. 5.1e-16;
Matches 73; Conservative 28; Mismatches 79; Indels 52; Gaps 8;

QY 13 LLAVALLALGTTWAEVWPPLQEQAPMAGALNRKESFLLSLHNRLSRWVQPPAADMRRL 72
Db 11 LLPLLLLVATT-----GPN-CALTDEKRLMVELHNLVRAQVSTASDMLHM 57

Db 11 LLPLLLLVATT-----GPN-CALTDEKRLMVELHNLVRAQVSTASDMLHM 57
QY 73 DWSDSLQAQAALCGIPTPSLASGLWRTLVQGNMQLLPAGLASFV-----EV 123
Db 58 RWDEELAAFAKAYA-----RQXRGHNKERGRGRENLFATIDEGMDVPLA 102

QY 124 VSLWFAEGORYSHAGECARNATCTHYTOLVWATSSQLCGRHLG-----SAGQTAIEAFV 179
Db 103 MEWHHERHYNLNLSAATSPGQMGHYTVVWAKTERIGCGSHFCEKLGQVEETNIELLV 162

QY 180 CAYSPGNGNEVNGKTIIPYKKGAWCSLCTASVSGCFKAWDHAGGLCEVPRNP 231
Db 163 CNYEPPGN--VKGR--PYQEGTPCSQCPs-----GVHCKNSLCEPIGSP 203

RESULT 6

US-09-199-887-1
; Sequence 1, Application US/09199887
; Patent No. 6071874
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PATHOGENESIS-RELATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/199,887
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/773,368
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy RJ
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0186 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 270 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: 1599164

US-09-199-887-1

Query Match 10.6%; Score 267; DB 3; Length 270;
Best Local Similarity 31.5%; Pred. No. 5.1e-16;
Matches 73; Conservative 28; Mismatches 79; Indels 52; Gaps 8;

QY 13 LLAVALLALGTTWAEVWPPLQEQAPMAGALNRKESFLLSLHNRLSRWVQPPAADMRRL 72
Db 11 LLPLLLLVATT-----GPN-CALTDEKRLMVELHNLVRAQVSTASDMLHM 57

QY 73 DWSDSLQAQAALCGIPTPSLASGLWRTLVQGNMQLLPAGLASFV-----EV 123
Db 58 RWDEELAAFAKAYA-----RQXRGHNKERGRGRENLFATIDEGMDVPLA 102

QY 124 VSLWFAEGQYSHRAGECARNATCTHYTOLVWATSSQLGGRHLCL-----SAGATAIEARV 179
 Db 103 MEWHHREHYNLSAATCSQMGCHYTQVWNAKTERIGCGHFCRKLQGVETNLELLV 162
 QY 180 CAYSPGGNWEVNGKTIIPYKKGAMCSLCTASVSCGFKAWDHAGGLCEVPRNP 231
 Db 163 CNYEPFGN--VKGKE--PYQEGTFCSCQPS-----GYHCKNSLCEPTGSP 203

RESULT 7

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US-08-773-368-3
/ Sequence 3, Application US/08773368
/ Patent No. 5856130
/ GENERAL INFORMATION:
/ APPLICANT: Bandman, Olga
/ APPLICANT: Goli, Surya K.
/ TITLE OF INVENTION: NOVEL HUMAN PATHOGENESIS-RELATED
/ TITLE OF INVENTION: PROTEIN
/ NUMBER OF SEQUENCES: 6
/ CORRESPONDENCE ADDRESS:
/ ADDRESSES: Incyte Pharmaceuticals, Inc.
/ STREET: 3174 Porter Drive
/ CITY: Palo Alto
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94304
/

```

```

% COMPUTER READABLE FORM:
% MEDIUM TYPE: diskette
% COMPUTER: IBM Compatible
% OPERATING SYSTEM: DOS
% SOFTWARE: FastSeq for Windows Version 2.0
% CURRENT APPLICATION DATA:
% APPLICATION NUMBER: US/08/773,368

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FILING DATE:
 CLASSIFICATION: 530
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Billings, Lucy RJ
 REGISTRATION NUMBER: 36,749
 REFERENCES/DOCKET NUMBER: PF-0186 US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-855-0555
 TELEFAX: 415-845-4166

TELEX:
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 219 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: GenBank
CLONE: 847722

US-08-773-368-3

Query Match 9.2%; Score 232; DB 2; Length 219;
Best Local Similarity 32.4%; Pred. No. 5.3e-13;
Matches 58; Conservative 28; Mismatches 61; Indels

QY 47 ESFL--LJSLHNRLRSWQPAPADWRRLDWSLSLAQLAQAARALCGIP-----T 93
_ _ :
Db 21 EDEIKOCVRIHNRFSSEVKPTASDMLYMTWDPALAOIAKAWASNCOFSHNTRLKSPHLH 80

[illegible]

RESULT 8

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US-09-199-887-3
; Sequence 3, Application US/09199887
; Patent No. 6071874
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PATHOGENESIS-RELATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESS: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/199,887
; FILING DATE:

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; FILING DATE:
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/773,368
 ; FILING DATE:

ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy RJ
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0186 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-845-0555
TELEFAX: 415-845-4166
TELEX:

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Best Local Similarity 32.4%; Pred. No. 5.3e-13;
Matches 53; Conservative 28; Mismatches 61; Indels

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QY	94	PSLASGLWRTILQVGNMQLLPAGLASAEVVSUWFAEGQRYSHAAGECARNATCTHYTOL	153
Db	81	NFNTS-----LGENIWTGSPVIFSVSSAITWYDEIODYNFKTRICK--VCGHYTQV	131
QY	154	VNATSSQLCGRRHLCSS--AGTATF-----AFVCAYSFGNWEVNGKTIIPYKGAWSCLC	207
Db	132	VNADSVYKGCVAOFCKPVSGFDALNSGAHRIKNYGGNGYPT-----WPYRGATCSAC	185

DECEMBER 9

RESULT 9
 US-08-773-368-4
 ; Sequence 4, Application US/08773368
 ; Patent No. 5856130
 ; GENERAL INFORMATION:
 ; APPLICANT: Bandman, Olga

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; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PATHOGENESIS-RELATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/773,368
; FILING DATE:
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy RJ
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0186 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 266 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 1030053
; US-08-773-368-4

Query Match 9.1%; Score 231; DB 2; Length 266;
Best Local Similarity 32.4%; Pred. No. 8.4e-13;
Matches 58; Conservative 27; Mismatches 62; Indels 32; Gaps 7;

QY 47 ESFL--LLSLHRLRSWVOPPAADMRDLWSDSLAQLACARAAALCGIP-----T 93
Db 31 EDFIKDCVRIHNKFRSEVKPTASDMLYMTWDPALAAIAKAWASNCQFSHNTRLPKPKHLH 90

QY 94 PSLASGLWRTLQVGNMQLLPAGLASFVEVSLWFAEGQRYSHAAGECARNATCTHYTQL 153
Db 91 PNFTS-----LGENWTGSPVIFSVSSAINTWDEIQDFKTRICK--VCGHTIQV 141

QY 154 VWATSQLCGGRHLCS--AGQTAIE---AFVCAYSPGGNWEVNGKTIIPYKKGAWCSLC 207
Db 142 VWADSVKVCAGVQFCPKVSGFDALNGAHFICNYGPGGNYPT-----WPKRGATCSAC 195

RESULT 10
US-09-199-887-4
; Sequence 4, Application US/09199887
; Patent No. 6071874
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PATHOGENESIS-RELATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto

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; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/199,887
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/773,368
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy RJ
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0186 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; TELEX:
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; SEQUENCE CHARACTERISTICS:
; LENGTH: 266 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 1030053
; US-09-199-887-4

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Matches 58; Conservative 27; Mismatches 62; Indels 32; Gaps 7;

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QY 94 PSLASGLWRTLQVGNMQLLPAGLASFVEVSLWFAEGQRYSHAAGECARNATCTHYTQL 153
Db 91 PNFTS-----LGENWTGSPVIFSVSSAINTWDEIQDFKTRICK--VCGHTIQV 141

QY 154 VWATSQLCGGRHLCS--AGQTAIE---AFVCAYSPGGNWEVNGKTIIPYKKGAWCSLC 207
Db 142 VWADSVKVCAGVQFCPKVSGFDALNGAHFICNYGPGGNYPT-----WPKRGATCSAC 195

RESULT 11
US-08-340-428B-49
; Sequence 49, Application US/08340428B
; Patent No. 5648465
; GENERAL INFORMATION:
; APPLICANT: MARGOLIS, Richard U.
; APPLICANT: RAUCH, Uwe
; APPLICANT: MARGOLIS, Renee K.
; TITLE OF INVENTION: CLONING, EXPRESSION AND USES FOR A
; TITLE OF INVENTION: NEUROCAN AS A CHONDROITIN SULFATE PROTEOGLYCAN
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Broadway and Neimark
; STREET: 419 Seventh Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

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QY 398 EHQAFSTFARGPDNHCGLVWSAAMCGNCVELQSAAAFANWDQECCKTRNYIICQ 442
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RESULT 13
US-08-840-062-5
; Sequence 5, Application US/08840062
; Patent No. 6117577
; GENERAL INFORMATION:
; APPLICANT: LASKY, LAURENCE A.
; APPLICANT: WU, KAI
; TITLE OF INVENTION: TYPE C LECTINS
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/840,062
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Dreger, Ginger R.
; REGISTRATION NUMBER: 33,055
; REFERENCE/DOCKET NUMBER: P1019R1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/325-3216
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1455 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
US-08-840-062-5
Query Match 7.5%; Score 189.5; DB 3; Length 1455;
Best Local Similarity 23.3%; Pred. No. 4.3e-08;
Matches 84; Conservative 45; Mismatches 105; Indels 127; Gaps 17;

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Db 551 TSLVGLRPKEYFWTLGSDVQNKGTFRWTVDEQQVFTHNNADMPPGRAG-----CVAMKTTGV 606
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QY 215 FKAWDHAGGLGLEVPNRNCPMRSCNQHNRLNISTCHCHCPPGYTGRCYQVRCSIQCCHGRFR 274
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Db 607 -----AGGLWDV-----LSC----- 616
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Job time : 36 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: September 9, 2004, 09:13:53; Search time 128 Seconds

(without alignments)
1139,951 Million cell updates/sec

Title: US-09-944-896-50

Perfect score: 2529

Sequence: 1 MHPETSPGRGHLAVLLAL.....RNRVYICQFAQHISRWGPGS 455

Scoring table: BLOSUM62

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Searched: 1335176 seqs, 320689617 residues

Total number of hits satisfying chosen parameters: 1335176

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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7	2529	100.0	455	9	US-09-944-396-50
8	2529	100.0	455	9	US-09-944-097-50
9	2529	100.0	455	9	US-09-944-432-50
10	2529	100.0	455	9	US-09-943-762-50
11	2529	100.0	455	9	US-09-943-654-50
12	2529	100.0	455	9	US-09-943-851A-50
13	2529	100.0	455	9	US-09-944-413-50
14	2529	100.0	455	9	US-09-944-403-50
15	2529	100.0	455	9	US-09-944-896-50

16	2529	100.0	455	9	US-09-944-944-50	Sequence 50, Appl
17	2529	100.0	455	9	US-09-944-929-50	Sequence 50, Appl
18	2529	100.0	455	9	US-09-944-907-50	Sequence 50, Appl
19	2529	100.0	455	10	US-09-944-884-50	Sequence 50, Appl
20	2529	100.0	455	10	US-09-944-852-50	Sequence 50, Appl
21	2529	100.0	455	10	US-09-943-780-50	Sequence 50, Appl
22	2529	100.0	455	11	US-09-945-584-50	Sequence 50, Appl
23	2529	100.0	455	12	US-10-677-471-50	Sequence 50, Appl
24	2529	100.0	455	12	US-10-677-669-50	Sequence 50, Appl
25	2529	100.0	455	12	US-09-943-664-50	Sequence 50, Appl
26	2529	100.0	455	15	US-10-429-667-50	Sequence 50, Appl
27	2447.5	96.8	446	9	US-09-726-643-47	Sequence 47, Appl
28	2447.5	96.8	446	9	US-09-790-264-2	Sequence 2, Appl
29	2447.5	96.8	446	12	US-10-169-395-5	Sequence 5, Appl
30	2447.5	96.8	446	13	US-10-042-141-47	Sequence 47, Appl
31	2447.5	96.8	446	14	US-10-269-353-2	Sequence 2, Appl
32	2315.5	91.6	420	9	US-09-790-264-4	Sequence 4, Appl
33	2315.5	91.6	420	14	US-10-269-353-4	Sequence 4, Appl
34	2241	88.6	415	16	US-10-309-290-84	Sequence 84, Appl
35	280	11.1	463	14	US-10-387-495-4	Sequence 4, Appl
36	280	11.1	463	15	US-10-429-668-9	Sequence 9, Appl
37	280	11.1	550	15	US-10-429-668-8	Sequence 8, Appl
38	280	11.1	625	15	US-10-429-668-7	Sequence 7, Appl
39	273	10.8	506	15	US-10-429-668-2	Sequence 2, Appl
40	273	10.8	593	15	US-10-429-668-3	Sequence 3, Appl
41	272	10.8	463	9	US-09-909-320-285	Sequence 285, App
42	272	10.8	463	9	US-09-909-088B-285	Sequence 285, App
43	272	10.8	463	9	US-09-905-291A-285	Sequence 285, App
44	272	10.8	463	9	US-09-902-853-285	Sequence 285, App
45	272	10.8	463	9	US-09-907-824-285	Sequence 285, App

ALIGNMENTS

RESULT 1

US-09-866-028-50
; Sequence 50, Application US/09866028
; Patent No. US20020058309A1

GENERAL INFORMATION:

; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kljavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; APPLICANT: Wood, William

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

; FILE REFERENCE: P3548P1C1

; CURRENT APPLICATION NUMBER: US/09/866,028

; CURRENT FILING DATE: 2001-05-25

; Prior application data removed - consult PALM or file wrapper

; NUMBER OF SEQ ID NOS: 120

; SEQ ID NO 50

; LENGTH: 455

; TYPE: PRT

; ORGANISM: Homo Sapien

; ORGANISM: US-09-866-028-50

Query Match 100.0%; Score 2529; DB 9; Length 455;

Best Local Similarity 100.0%; Pred. No. 1e-208;

Matches 455; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLHPETSPGRGHLLAVLLALLGTTTWAENVPPQLOQAPMAGALNRKESFLLLSLHNRLS 60
 Db 1 MLHPETSPGRGHLLAVLLALLGTTTWAENVPPQLOQAPMAGALNRKESFLLLSLHNRLS 60
 QY 61 WYPPAADVRRLDWSLSLAQIAQAALCGITPSSLASGLWRTLOVGNMOLLFAGLASF 120
 Db 61 WYPPAADVRRLDWSLSLAQIAQAALCGITPSSLASGLWRTLOVGNMOLLFAGLASF 120
 QY 121 VEVUSLWFAEGORYSHAAECARNATCTHYTQVWATSSQLCGRHLCASAGQTAIEAFC 180
 Db 121 VEVUSLWFAEGORYSHAAECARNATCTHYTQVWATSSQLCGRHLCASAGQTAIEAFC 180
 QY 181 AYSPGNWEVNGKTIPIYKKGAWCSLCTASVSGGCFKAWDHAGGLCEVPRNCRSCQNHG 240
 Db 181 AYSPGNWEVNGKTIPIYKKGAWCSLCTASVSGGCFKAWDHAGGLCEVPRNCRSCQNHG 240
 QY 241 RNLSTCHCHCPGGYGRVQVRCSLQCVHGRFREECSCVCDIGYGGAQCATKVHPPFH 300
 Db 241 RNLSTCHCHCPGGYGRVQVRCSLQCVHGRFREECSCVCDIGYGGAQCATKVHPPFH 300
 QY 301 TCDLRIDGCFMVSSADTYYPARMKQKGGVLAQIKSQKQVQDILAFYLGRLTNEVT 360
 Db 301 TCDLRIDGCFMVSSADTYYPARMKQKGGVLAQIKSQKQVQDILAFYLGRLTNEVT 360
 QY 361 DSDFETRNWIGLTYKTAKDSFRWATGEHQAFSTFAFGOPDNHGLVLSAAMFGNCVEL 420
 Db 361 DSDFETRNWIGLTYKTAKDSFRWATGEHQAFSTFAFGOPDNHGLVLSAAMFGNCVEL 420
 QY 421 QASAAFNWMDQCKTNRNYICQFAQEHISRWGPGS 455
 Db 421 QASAAFNWMDQCKTNRNYICQFAQEHISRWGPGS 455

RESULT 2
 US-09-944-449-50
 ; Sequence 50, Application US/09944449
 ; Patent No. US20020102647A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin
 ; APPLICANT: Botstein, David
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerritsen, Mary
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul
 ; APPLICANT: Grimaldi, Christopher
 ; APPLICANT: Gurney, Austin
 ; APPLICANT: Hillan, Kenneth
 ; APPLICANT: Kljavin, Ivar
 ; APPLICANT: Napier, Mary
 ; APPLICANT: Roy, Margaret
 ; APPLICANT: Tomas, Daniel
 ; APPLICANT: Wood, William
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P2548P1C1
 ; CURRENT APPLICATION NUMBER: US/09/944,449
 ; PRIOR FILING DATE: 2001-09-26
 ; PRIOR APPLICATION NUMBER: 09/866,028
 ; PRIOR FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: 60/067,411
 ; PRIOR FILING DATE: December 3, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,334
 ; PRIOR FILING DATE: December 11, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,335
 ; PRIOR FILING DATE: December 11, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,278
 ; PRIOR FILING DATE: December 11, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,425
 ; PRIOR FILING DATE: December 12, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,696
 ; PRIOR FILING DATE: December 16, 1997

; PRIOR APPLICATION NUMBER: 60/069,694
 ; PRIOR FILING DATE: December 16, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,702
 ; PRIOR FILING DATE: December 16, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,870
 ; PRIOR FILING DATE: December 17, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,873
 ; PRIOR FILING DATE: December 17, 1997
 ; PRIOR APPLICATION NUMBER: 60/068,017
 ; PRIOR FILING DATE: December 18, 1997
 ; PRIOR APPLICATION NUMBER: 60/070,440
 ; PRIOR FILING DATE: January 5, 1998
 ; PRIOR APPLICATION NUMBER: 60/074,086
 ; PRIOR FILING DATE: February 9, 1998
 ; PRIOR APPLICATION NUMBER: 60/074,092
 ; PRIOR FILING DATE: February 9, 1998
 ; PRIOR APPLICATION NUMBER: 60/075,945
 ; PRIOR FILING DATE: February 25, 1998
 ; PRIOR APPLICATION NUMBER: 60/112,850
 ; PRIOR FILING DATE: December 16, 1998
 ; PRIOR APPLICATION NUMBER: 60/113,296
 ; PRIOR FILING DATE: December 22, 1998
 ; PRIOR APPLICATION NUMBER: 60/146,222
 ; PRIOR FILING DATE: July 28, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US98/19330
 ; PRIOR FILING DATE: September 16, 1998
 ; PRIOR APPLICATION NUMBER: PCT/US98/25108
 ; PRIOR FILING DATE: December 1, 1998
 ; PRIOR APPLICATION NUMBER: 09/216,021
 ; PRIOR FILING DATE: December 16, 1998
 ; PRIOR APPLICATION NUMBER: 09/218,517
 ; PRIOR FILING DATE: December 22, 1998
 ; PRIOR APPLICATION NUMBER: 09/254,311
 ; PRIOR FILING DATE: March 3, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/12252
 ; PRIOR FILING DATE: June 22, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090
 ; PRIOR FILING DATE: September 15, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/28409
 ; PRIOR FILING DATE: No. US20020102647A1ember 30, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US98/28313
 ; PRIOR FILING DATE: No. US20020102647A1ember 30, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/28301
 ; PRIOR FILING DATE: December 1, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/30095
 ; PRIOR FILING DATE: December 16, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US00/03565
 ; PRIOR FILING DATE: February 11, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/04414
 ; PRIOR FILING DATE: February 22, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/05841
 ; PRIOR FILING DATE: March 2, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/08439
 ; PRIOR FILING DATE: March 30, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/14042
 ; PRIOR FILING DATE: May 22, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/20710
 ; PRIOR FILING DATE: July 28, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/32678
 ; PRIOR FILING DATE: December 1, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US01/06520
 ; PRIOR FILING DATE: February 28, 2001
 ; NUMBER OF SEQ ID NOS: 120
 ; SEQ ID NO 50
 ; LENGTH: 455
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; US-09-944-449-50

Query Match 100.0%; Score 2529; DB 9; Length 455;
 Best Local Similarity 100.0%; Pred. No. 1e-208;
 Matches 455; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLHPETSPGRCHLLAVLLALLGTTTWAENVPPQLOEQAPMAGALNRKESFLLLSLHNRLRS 60
Db 1 MLHPETSPGRCHLLAVLLALLGTTTWAENVPPQLOEQAPMAGALNRKESFLLLSLHNRLRS 60
QY 61 WVOPPAADNRRLDWSLSLAQAARALCGIPTPSLASGLWRTLVQGMNQLLPAGLASF 120
Db 61 WVOPPAADNRRLDWSLSLAQAARALCGIPTPSLASGLWRTLVQGMNQLLPAGLASF 120
QY 121 VEVUSLWFAEGQSYSHAAGECARNATCTHYTLVWATSSQLCGRHLCSAGOTATEAFVC 180
Db 121 VEVUSLWFAEGQSYSHAAGECARNATCTHYTLVWATSSQLCGRHLCSAGOTATEAFVC 180
QY 181 AYSPPGNWEVNGKTIIPYKKGAWCSLCTASVSCFKAWDHAGLCEVPPNCRMSQNHG 240
Db 181 AYSPPGNWEVNGKTIIPYKKGAWCSLCTASVSCFKAWDHAGLCEVPPNCRMSQNHG 240
QY 241 RLNIISCHCHCPGYTGRVCOVRCSLQCVHGFREBECSCVCDIGYGGACQATKVHFFPH 300
Db 241 RLNIISCHCHCPGYTGRVCOVRCSLQCVHGFREBECSCVCDIGYGGACQATKVHFFPH 300
QY 301 TCDLRIDGCFMVSSSEADTYRARMKCORKGVLQIKSQKQVODILAFYLGRLTNEVT 360
Db 301 TCDLRIDGCFMVSSSEADTYRARMKCORKGVLQIKSQKQVODILAFYLGRLTNEVT 360
QY 361 DSDFTFRNWIGLTYTAKDSFRWATGEHQAFSTFAFGQPDNHLVLSAAMFGNVCVEL 420
Db 361 DSDFTFRNWIGLTYTAKDSFRWATGEHQAFSTFAFGQPDNHLVLSAAMFGNVCVEL 420
QY 421 QASAAFNWDDORCKTNRRYICQPAQEHISRWGPGS 455
Db 421 QASAAFNWDDORCKTNRRYICQPAQEHISRWGPGS 455

RESULT 3

US-09-944-457-50
; Sequence 50, Application US/09944457
; Patent No. US20020110859A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerlitsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kljavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P2548P1C1
; CURRENT APPLICATION NUMBER: US/09/944,457
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/866,028
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/067,411
; PRIOR FILING DATE: December 3, 1997
; PRIOR APPLICATION NUMBER: 60/069,334
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,335
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,278
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,425
; PRIOR FILING DATE: December 12, 1997
; PRIOR APPLICATION NUMBER: 60/069,696
; PRIOR FILING DATE: December 16, 1997

; PRIOR APPLICATION NUMBER: 60/069,694
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,702
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,870
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069,873
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069,017
; PRIOR FILING DATE: December 18, 1997
; PRIOR APPLICATION NUMBER: 60/070,440
; PRIOR FILING DATE: January 5, 1998
; PRIOR APPLICATION NUMBER: 60/074,086
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/074,092
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/075,945
; PRIOR FILING DATE: February 25, 1998
; PRIOR APPLICATION NUMBER: 60/112,850
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 60/113,296
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 60/146,222
; PRIOR FILING DATE: July 28, 1999
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: September 16, 1998
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: December 1, 1998
; PRIOR APPLICATION NUMBER: 09/216,021
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 09/218,517
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 09/254,311
; PRIOR FILING DATE: March 3, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: June 22, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: September 15, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28409
; PRIOR FILING DATE: No. US20020110859A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: No. US20020110859A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28301
; PRIOR FILING DATE: December 1, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: December 16, 1999
; PRIOR APPLICATION NUMBER: PCT/US00/03565
; PRIOR FILING DATE: February 11, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: February 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: March 2, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: March 30, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: May 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: July 28, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: December 1, 2000
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: February 28, 2001
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 50
; LENGTH: 455
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-944-457-50

Query Match 100.0%; Score 2529; DB 9; Length 455;
Best Local Similarity 100.0%; Pred. No. 1e-208;
Matches 455; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLHPETSPGRGHLAVLLALLGTTTAAEVWPPQLOEQAPMAGALNRKESFLLLSLHNRLS 60
Db 1 MLHPETSPGRGHLAVLLALLGTTTAAEVWPPQLOEQAPMAGALNRKESFLLLSLHNRLS 60
QY 61 WVOPPAADWRRLDWSLSLAQLAQAALCGIPTPSLASGLWRTLQVGMNQLLPAGLASF 120
Db 61 WVOPPAADWRRLDWSLSLAQLAQAALCGIPTPSLASGLWRTLQVGMNQLLPAGLASF 120
QY 121 VEVVSLWFAFGORYSHAAAGECARNATCTHYTLVWATSSQLGCGRHLCSAGOTAEAFVC 180
Db 121 VEVVSLWFAFGORYSHAAAGECARNATCTHYTLVWATSSQLGCGRHLCSAGOTAEAFVC 180
QY 181 AYSFGGNWEVNGKTIIPYKKGAWCSICTASVSGCFKAWDHAGELCEVPNPRCRMSCQNHG 240
Db 181 AYSFGGNWEVNGKTIIPYKKGAWCSICTASVSGCFKAWDHAGELCEVPNPRCRMSCQNHG 240
QY 241 RLNISTCHCHCPGYGRYCOVRCSLQCVHGRFREECSCVCDIGYGGACQATKVHFFPH 300
Db 241 RLNISTCHCHCPGYGRYCOVRCSLQCVHGRFREECSCVCDIGYGGACQATKVHFFPH 300
QY 301 TCDLRIDGCFMVSSADTYRARMKCORQKGVLAQIKSQKQDILAFYLGRLTTEVNT 360
Db 301 TCDLRIDGCFMVSSADTYRARMKCORQKGVLAQIKSQKQDILAFYLGRLTTEVNT 360
QY 361 DSDPETRNWGLTYKTAKDSRWATGEHQAFISPAFGPDNHGLWLSAAMFGNCVEL 420
Db 361 DSDPETRNWGLTYKTAKDSRWATGEHQAFISPAFGPDNHGLWLSAAMFGNCVEL 420
QY 421 QASAAFNWMDQCKTNRNRYICQFAQBIHSRWGPGS 455
Db 421 QASAAFNWMDQCKTNRNRYICQFAQBIHSRWGPGS 455

RESULT 5

US-09-945-587-50
; Sequence 50, Application US/09945587
; Patent No. US20020127643A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerlt, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kljavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P2548P1C1
; CURRENT APPLICATION NUMBER: US/09/945,587
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/866,028
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/067,411
; PRIOR FILING DATE: December 3, 1997
; PRIOR APPLICATION NUMBER: 60/069,334
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,335
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,278
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,425
; PRIOR FILING DATE: December 12, 1997
; PRIOR APPLICATION NUMBER: 60/069,696
; PRIOR FILING DATE: December 16, 1997

; PRIOR APPLICATION NUMBER: 60/069,694
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,702
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,870
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069,873
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069,017
; PRIOR FILING DATE: December 18, 1997
; PRIOR APPLICATION NUMBER: 60/070,440
; PRIOR FILING DATE: January 5, 1998
; PRIOR APPLICATION NUMBER: 60/074,086
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/074,092
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/075,945
; PRIOR FILING DATE: February 25, 1998
; PRIOR APPLICATION NUMBER: 60/112,850
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 60/113,296
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 60/146,222
; PRIOR FILING DATE: July 28, 1999
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: September 16, 1998
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: December 1, 1998
; PRIOR APPLICATION NUMBER: 09/216,021
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 09/218,517
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 09/254,311
; PRIOR FILING DATE: March 3, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: June 22, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: September 15, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28409
; PRIOR FILING DATE: No. US20020127643A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: No. US20020127643A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28301
; PRIOR FILING DATE: December 1, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: December 16, 1999
; PRIOR APPLICATION NUMBER: PCT/US00/03565
; PRIOR FILING DATE: February 11, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: February 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: March 2, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: March 30, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: May 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: July 28, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: December 1, 2000
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 50
; LENGTH: 455
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-945-587-50

Query Match 100.0%; Score 2529; DB 9; Length 455;
Best Local Similarity 100.0%; Pred. No. 1e-208;
Matches 455; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLHPETSPGRGHLAVLLALLGTTTAAEVNPPQLOEQAPMAGALNRKESFLLLSLHNRLS 60
Db 1 MLHPETSPGRGHLAVLLALLGTTTAAEVNPPQLOEQAPMAGALNRKESFLLLSLHNRLS 60
QY 61 WVOPPAADNRRLDWSLSLAQQAARALCGIPTPSLASGLWRTLOVGNWQLLPAGLASF 120
Db 61 WVOPPAADNRRLDWSLSLAQQAARALCGIPTPSLASGLWRTLOVGNWQLLPAGLASF 120
QY 121 VEVUSLWEAAGQRYSHAAGSCARNATCTHYTLVWATSSQLCGRHLCSAGQTAEAFVC 180
Db 121 VEVUSLWEAAGQRYSHAAGSCARNATCTHYTLVWATSSQLCGRHLCSAGQTAEAFVC 180
QY 181 AVSPGNGWEVNGKTIIPYKKGAWCSLCTASVSCFKAWDHAGGLCEVPPNCRMSCQNHG 240
Db 181 AVSPGNGWEVNGKTIIPYKKGAWCSLCTASVSCFKAWDHAGGLCEVPPNCRMSCQNHG 240
QY 241 RLNISTCHCHCPGYTRCVCVRCSLOCVHGAPREBECSCVCDIGYGGACQATKVFPPH 300
Db 241 RLNISTCHCHCPGYTRCVCVRCSLOCVHGAPREBECSCVCDIGYGGACQATKVFPPH 300
QY 301 TCDLRIDGCFMVSSSEADTYIRARMKCRKGGVLAQIKSQKQVDILAFYLGRLTNEVT 360
Db 301 TCDLRIDGCFMVSSSEADTYIRARMKCRKGGVLAQIKSQKQVDILAFYLGRLTNEVT 360
QY 361 DSDFTFTRNFWIGLTYTAKDSFRWATGEHQATTSFAFGQPDNHLVLSAAMFGNVCVEL 420
Db 361 DSDFTFTRNFWIGLTYTAKDSFRWATGEHQATTSFAFGQPDNHLVLSAAMFGNVCVEL 420
QY 421 QASAAFNWDDQCKTNRVYICQPAQEHISRWPGGS 455
Db 421 QASAAFNWDDQCKTNRVYICQPAQEHISRWPGGS 455

RESULT 7

US-09-944-396-50
; Sequence 50, Application US/09944396
; Patent No. US20020132981A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kljavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P2548P1C1
; CURRENT APPLICATION NUMBER: US/09/944,396
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/866,028
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/067,411
; PRIOR FILING DATE: December 3, 1997
; PRIOR APPLICATION NUMBER: 60/069,334
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,335
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,278
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,425
; PRIOR FILING DATE: December 12, 1997
; PRIOR APPLICATION NUMBER: 60/069,696
; PRIOR FILING DATE: December 16, 1997

; PRIOR APPLICATION NUMBER: 60/069,694
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,702
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,870
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069,873
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069,017
; PRIOR FILING DATE: December 18, 1997
; PRIOR APPLICATION NUMBER: 60/070,440
; PRIOR FILING DATE: January 5, 1998
; PRIOR APPLICATION NUMBER: 60/074,086
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/074,092
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/075,945
; PRIOR FILING DATE: February 25, 1998
; PRIOR APPLICATION NUMBER: 60/112,850
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 60/113,296
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 60/146,222
; PRIOR FILING DATE: July 28, 1999
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: September 16, 1998
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: December 1, 1998
; PRIOR APPLICATION NUMBER: 09/216,021
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 09/218,517
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 09/254,311
; PRIOR FILING DATE: March 3, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: June 22, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: September 15, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28409
; PRIOR FILING DATE: No. US20020132981A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: No. US20020132981A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28301
; PRIOR FILING DATE: December 1, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: December 16, 1999
; PRIOR APPLICATION NUMBER: PCT/US00/03565
; PRIOR FILING DATE: February 11, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: February 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: March 2, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: March 30, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: May 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: July 28, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/32578
; PRIOR FILING DATE: December 1, 2000
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: February 28, 2001
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 50
; LENGTH: 455
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-944-396-50

Query Match 100.0%; Score 2529; DB 9; Length 455;
Best Local Similarity 100.0%; Pred. No. 1e-206;
Matches 455; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLHPETSPGRGHLAVLLALLGTTWAEVWPOLQEQAPMAGALNKRKESFLLLSLHNRLRS 60
DB 1 MLHPETSPGRGHLAVLLALLGTTWAEVWPOLQEQAPMAGALNKRKESFLLLSLHNRLRS 60
QY 61 WYQPPAADMRDLWDSLSLAQLAQAALCGIPTPSLASGLWRTIQVGNWMLLPAGLASF 120
DB 61 WYQPPAADMRDLWDSLSLAQLAQAALCGIPTPSLASGLWRTIQVGNWMLLPAGLASF 120
QY 121 VEVVSLWFAEGQRYSHAAGECARNATCTHYTQLVWATSSQLCGGRHLCSAQCTAIEAPVC 180
DB 121 VEVVSLWFAEGQRYSHAAGECARNATCTHYTQLVWATSSQLCGGRHLCSAQCTAIEAPVC 180
QY 181 AYSPOGNEVNGKTIIPYKKGAWCSLCTASVSGCFKAWDHAGGICEVPRNCRMSCQNHG 240
DB 181 AYSPOGNEVNGKTIIPYKKGAWCSLCTASVSGCFKAWDHAGGICEVPRNCRMSCQNHG 240
QY 241 RLNIATCHCHCPFGYTGRTYQVRCSLQCVHGRFREECSCVCDIGYGGAQCATKVHFPFH 300
DB 241 RLNIATCHCHCPFGYTGRTYQVRCSLQCVHGRFREECSCVCDIGYGGAQCATKVHFPFH 300
QY 301 TCDLRIDGCFVWSBEADTYTARVKCKQKGVLAQIKSKQVQDILAFYLGRLTTEVT 360
DB 301 TCDLRIDGCFVWSBEADTYTARVKCKQKGVLAQIKSKQVQDILAFYLGRLTTEVT 360
QY 361 DSDFTFRNWGLTYKTAKDSRWATGSHQAFSTAFQPDNHLGLVLSAAMGFGNCVEL 420
DB 361 DSDFTFRNWGLTYKTAKDSRWATGSHQAFSTAFQPDNHLGLVLSAAMGFGNCVEL 420
QY 421 QASAFNWNDRCKTRNYICQFAQEHISRMWPGS 455
DB 421 QASAFNWNDRCKTRNYICQFAQEHISRMWPGS 455

RESULT 8
US-09-944-097-50
; Sequence 50, Application US/09944097
; Patent No. US20020133675A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvarcoff, Ellen
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kljavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tomas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P2548P1C1
; CURRENT FILING DATE: 2001-08-31
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/069,334
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,335
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,278
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,425
; PRIOR FILING DATE: December 12, 1997
; PRIOR APPLICATION NUMBER: 60/069,696
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,694
; PRIOR FILING DATE: December 16, 1997

; PRIOR APPLICATION NUMBER: 60/069,702
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,870
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069,873
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/068,017
; PRIOR FILING DATE: December 18, 1997
; PRIOR APPLICATION NUMBER: 60/070,440
; PRIOR FILING DATE: January 5, 1998
; PRIOR APPLICATION NUMBER: 60/074,086
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/074,092
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/075,945
; PRIOR FILING DATE: February 25, 1998
; PRIOR APPLICATION NUMBER: 60/112,850
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 60/113,296
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 60/146,222
; PRIOR FILING DATE: July 28, 1999
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: September 16, 1998
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: December 1, 1998
; PRIOR APPLICATION NUMBER: 09/216,021
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 09/218,517
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 09/254,311
; PRIOR FILING DATE: March 3, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: June 22, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: September 15, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28409
; PRIOR FILING DATE: No. US20020133675A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: No. US20020133675A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28301
; PRIOR FILING DATE: December 1, 1998
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: December 16, 1999
; PRIOR APPLICATION NUMBER: PCT/US00/03565
; PRIOR FILING DATE: February 11, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: February 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: March 2, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: March 30, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: May 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: July 28, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: December 1, 2000
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: February 28, 2001
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 50
; LENGTH: 455
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-944-097-50

Query Match 100.0%; Score 2529; DB 9; Length 455;
Best Local Similarity 100.0%; Pred. No. 1e-208;
Matches 455; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLHPETSPGRGHLAVLLALLGTTWAEVWPOLQEQAPMAGALNKRKESFLLLSLHNRLRS 60

Db 1 MLHPETSPGRGHLAVLLALIGTTWAEVWPQIQEQAPMAGALNRKESFLLLSLHNRLRS 60
Qy 61 WVQPPAADMRRLDWSDSLQAQAARALCGIPTPSLASGLWRTLQVGNWMLLPAGLASF 120
Db 61 WVQPPAADMRRLDWSDSLQAQAARALCGIPTPSLASGLWRTLQVGNWMLLPAGLASF 120
Qy 121 VEVVSLWFAGQSYSHAAAGCARNATCTHYTLQVWATSSQLGGRHLCSAGQTAIEAFVC 180
Db 121 VEVVSLWFAGQSYSHAAAGCARNATCTHYTLQVWATSSQLGGRHLCSAGQTAIEAFVC 180
Qy 181 AYSFGGNWVEVNGKTIIPYKKGAWCSLCTASVSCFKAWDHAGGLCEVPRNPRMSCQNHG 240
Db 181 AYSFGGNWVEVNGKTIIPYKKGAWCSLCTASVSCFKAWDHAGGLCEVPRNPRMSCQNHG 240
Qy 241 RLNIStCHCPCPGYGRYQVRCSCLOCHVGRFREBECSVCVDIGYGGACATKVFHPPH 300
Db 241 RLNIStCHCPCPGYGRYQVRCSCLOCHVGRFREBECSVCVDIGYGGACATKVFHPPH 300
Qy 301 TCDLRIDGDCFMVSSSEADTYRARMKQKGGVLAQIKSKQVODILAFYLGRLTNEVT 360
Db 301 TCDLRIDGDCFMVSSSEADTYRARMKQKGGVLAQIKSKQVODILAFYLGRLTNEVT 360
Qy 361 DSDPFRNFWIGTYTAKDSFWATGEHQAFSTFAFGQPDNHGLVLSAAMGFGNCVEL 420
Db 361 DSDPFRNFWIGTYTAKDSFWATGEHQAFSTFAFGQPDNHGLVLSAAMGFGNCVEL 420
Qy 421 QASAAFNWDRCKTRNRYICQFAQEHISRWGPGS 455
Db 421 QASAAFNWDRCKTRNRYICQFAQEHISRWGPGS 455

RESULT 9

US-09-944-432-50
; Sequence 50, Application US/09944432
; Patent No. US20020142419A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Garritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kljavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P2548P1C1
; CURRENT APPLICATION NUMBER: US/09/944,432
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/866,028
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/067,411
; PRIOR FILING DATE: December 3, 1997
; PRIOR APPLICATION NUMBER: 60/069,334
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,335
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,278
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,425
; PRIOR FILING DATE: December 12, 1997
; PRIOR APPLICATION NUMBER: 60/069,696
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,694
; PRIOR FILING DATE: December 16, 1997

; PRIOR APPLICATION NUMBER: 60/069,702
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,870
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069,873
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069,017
; PRIOR FILING DATE: December 18, 1997
; PRIOR APPLICATION NUMBER: 60/070,440
; PRIOR FILING DATE: January 5, 1998
; PRIOR APPLICATION NUMBER: 60/074,086
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/074,092
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/075,945
; PRIOR FILING DATE: February 25, 1998
; PRIOR APPLICATION NUMBER: 60/112,850
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 60/113,296
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 60/146,222
; PRIOR FILING DATE: July 28, 1999
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: September 16, 1998
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: December 1, 1998
; PRIOR APPLICATION NUMBER: 09/216,021
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 09/218,517
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 09/254,311
; PRIOR FILING DATE: March 3, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: June 22, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: September 15, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28409
; PRIOR FILING DATE: No. US20020142419A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: No. US20020142419A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28301
; PRIOR FILING DATE: December 1, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: December 16, 1999
; PRIOR APPLICATION NUMBER: PCT/US00/03565
; PRIOR FILING DATE: February 11, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: February 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: March 2, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: March 30, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: May 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: July 28, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: December 1, 2000
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: February 26, 2001
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 50
; LENGTH: 455
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-944-432-50

Query Match 100.0%; Score 2529; DB 9; Length 455;
Best Local Similarity 100.0%; Pred. NO. 1e-208;
Matches 455; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLHPETSPGRGHLAVLLALIGTTWAEVWPQIQEQAPMAGALNRKESFLLLSLHNRLRS 60
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Db 1 MLHPETSPGRGHLAVLLALLGTTTAAEVWPPQLQBPQAPMAGALNRKESFLLLSLHNRLS 60
QY 61 WQPPAADRRDWSLSLAQLAQAARALCGITPTSLASGLWTLQVGNMQLLPAGLASF 120
Db 61 WQPPAADRRDWSLSLAQLAQAARALCGITPTSLASGLWTLQVGNMQLLPAGLASF 120
QY 121 VEVVSLWFAEGQRYSHAAEGECARNATCTHYTQVWATSSQLCGRHLCASAGTAEAFVC 180
Db 121 VEVVSLWFAEGQRYSHAAEGECARNATCTHYTQVWATSSQLCGRHLCASAGTAEAFVC 180
QY 181 AVSPGNWVNGKTIIPYKKGAWCSLCTASVSGCFKAMDHAGGLCEVPRNPCRMSQNHG 240
Db 181 AVSPGNWVNGKTIIPYKKGAWCSLCTASVSGCFKAMDHAGGLCEVPRNPCRMSQNHG 240
QY 241 RLNISTCHCHPCPGYGRYCVRCVCSLQCVHGRFREECSCVCDIGVGAQCAATKVHFFPH 300
Db 241 RLNISTCHCHPCPGYGRYCVRCVCSLQCVHGRFREECSCVCDIGVGAQCAATKVHFFPH 300
QY 301 TCDLRIDGCFMVSSPADTYRARMKCRQKGVLAQIKSQKVQDILAFYLGLETTNEVT 360
Db 301 TCDLRIDGCFMVSSPADTYRARMKCRQKGVLAQIKSQKVQDILAFYLGLETTNEVT 360
QY 361 DSDFFTRNFWIGLTYKTAKDSFRWATGEHOAFTSFAFGOPDNHGLVWLSAAMGFGNCVEL 420
Db 361 DSDFFTRNFWIGLTYKTAKDSFRWATGEHOAFTSFAFGOPDNHGLVWLSAAMGFGNCVEL 420
QY 421 QASAAFNWMDQCKTRNRYICQFAQSHISRWGPGS 455
Db 421 QASAAFNWMDQCKTRNRYICQFAQSHISRWGPGS 455

RESULT 10
US-09-943-762-50
; Sequence 50, Application US/09943762
; Patent No. US20020142958A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kljavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P2548P1C1
; CURRENT APPLICATION NUMBER: US/09/943,762
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/866,028
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/067,411
; PRIOR FILING DATE: December 3, 1997
; PRIOR APPLICATION NUMBER: 60/069,334
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,335
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,278
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,425
; PRIOR FILING DATE: December 12, 1997
; PRIOR APPLICATION NUMBER: 60/069,696
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,694
; PRIOR FILING DATE: December 16, 1997

; PRIOR APPLICATION NUMBER: 60/069,702
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,870
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069,873
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/068,017
; PRIOR FILING DATE: December 18, 1997
; PRIOR APPLICATION NUMBER: 60/070,440
; PRIOR FILING DATE: January 5, 1998
; PRIOR APPLICATION NUMBER: 60/074,086
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/074,092
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/075,945
; PRIOR FILING DATE: February 25, 1998
; PRIOR APPLICATION NUMBER: 60/112,850
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 60/113,296
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 60/146,222
; PRIOR FILING DATE: July 28, 1999
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: September 16, 1998
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: December 1, 1998
; PRIOR APPLICATION NUMBER: 09/216,021
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 09/218,517
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 09/254,311
; PRIOR FILING DATE: March 3, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: June 22, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: September 15, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28409
; PRIOR FILING DATE: No. US20020142958A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: No. US20020142958A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28301
; PRIOR FILING DATE: December 1, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: December 16, 1999
; PRIOR APPLICATION NUMBER: PCT/US00/03565
; PRIOR FILING DATE: February 11, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: February 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: March 2, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: March 30, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: May 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: July 28, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: December 1, 2000
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: February 28, 2001
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 50
; LENGTH: 455
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-943-762-50

Query Match 100.0%; Score 2529; DB 9; Length 455;
Best Local Similarity 100.0%; Pred. No. 1e-208;
Matches 455; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLHPETSPGRGHLAVLLALLGTTTAAEVWPPQLQBPQAPMAGALNRKESFLLLSLHNRLS 60
|||||

Db 1 MLHPETSPGRGHLAVLLALLGTTWAEVWPPQLOEQAPMAGALNRKESFLLLSLHNLRS 60
QY 61 WVOPPADMRDLWDSLSLAQLAQAALCGIPTPSLASGLWRTLVQVWNNQLLPAGLASF 120
Db 61 WVOPPADMRDLWDSLSLAQLAQAALCGIPTPSLASGLWRTLVQVWNNQLLPAGLASF 120
QY 121 VEVVSLWFAGQRYSHAAECARNATCTHYTQVWATSSQLCGGRHLCSAGTAEAFVC 180
Db 121 VEVVSLWFAGQRYSHAAECARNATCTHYTQVWATSSQLCGGRHLCSAGTAEAFVC 180
QY 181 AVSPGGNWEVNGKTIIPYKKGAWCSLCTASVSGCFKAWDHAGGLCEVPNRCMQNHG 240
Db 181 AVSPGGNWEVNGKTIIPYKKGAWCSLCTASVSGCFKAWDHAGGLCEVPNRCMQNHG 240
QY 241 RLNIStCHCHCPGTYGRVQVRCSLQCVHGRFREBECSVCVDIGVGGACQATKVFPH 300
Db 241 RLNIStCHCHCPGTYGRVQVRCSLQCVHGRFREBECSVCVDIGVGGACQATKVFPH 300
QY 301 TCDLRIDGCFMVSSSEADTYIYARMKCKQKGGVLAQIKSQKQVQDIIAFLVGLRLETTNEVT 360
Db 301 TCDLRIDGCFMVSSSEADTYIYARMKCKQKGGVLAQIKSQKQVQDIIAFLVGLRLETTNEVT 360
QY 361 DSDPFRNFWIGLTYKTAKDSRWATGEHQATSFAGQPDNHLVWLSAAMFGNCVEL 420
Db 361 DSDPFRNFWIGLTYKTAKDSRWATGEHQATSFAGQPDNHLVWLSAAMFGNCVEL 420
QY 421 QASAAFNWMDQCKTNRNRYICQFAQBHISRWGPGS 455
Db 421 QASAAFNWMDQCKTNRNRYICQFAQBHISRWGPGS 455

RESULT 11

US-09-944-654-50
Sequence 50, Application US/09944654
Patent No. US20020142959A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin
APPLICANT: Botstein, David
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul
APPLICANT: Grimaldi, Christopher
APPLICANT: Gurney, Austin
APPLICANT: Hillan, Kenneth
APPLICANT: Kljavin, Ivar
APPLICANT: Napier, Mary
APPLICANT: Roy, Margaret
APPLICANT: Tumas, Daniel
APPLICANT: Wood, William
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P2548P1C1
CURRENT APPLICATION NUMBER: US/09/944,654
CURRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 09/866,028
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: 60/067,411
PRIOR FILING DATE: December 3, 1997
PRIOR APPLICATION NUMBER: 60/069,334
PRIOR FILING DATE: December 11, 1997
PRIOR APPLICATION NUMBER: 60/069,335
PRIOR FILING DATE: December 11, 1997
PRIOR APPLICATION NUMBER: 60/069,278
PRIOR FILING DATE: December 11, 1997
PRIOR APPLICATION NUMBER: 60/069,425
PRIOR FILING DATE: December 12, 1997
PRIOR APPLICATION NUMBER: 60/069,696
PRIOR FILING DATE: December 16, 1997
PRIOR APPLICATION NUMBER: 60/069,694
PRIOR FILING DATE: December 16, 1997

PRIOR APPLICATION NUMBER: 60/069,702
PRIOR FILING DATE: December 16, 1997
PRIOR APPLICATION NUMBER: 60/069,870
PRIOR FILING DATE: December 17, 1997
PRIOR APPLICATION NUMBER: 60/069,873
PRIOR FILING DATE: December 17, 1997
PRIOR APPLICATION NUMBER: 60/068,017
PRIOR FILING DATE: December 18, 1997
PRIOR APPLICATION NUMBER: 60/070,440
PRIOR FILING DATE: January 5, 1998
PRIOR APPLICATION NUMBER: 60/074,086
PRIOR FILING DATE: February 9, 1998
PRIOR APPLICATION NUMBER: 60/074,092
PRIOR FILING DATE: February 9, 1998
PRIOR APPLICATION NUMBER: 60/075,945
PRIOR FILING DATE: February 25, 1998
PRIOR APPLICATION NUMBER: 60/112,850
PRIOR FILING DATE: December 16, 1998
PRIOR APPLICATION NUMBER: 60/113,296
PRIOR FILING DATE: December 22, 1998
PRIOR APPLICATION NUMBER: 60/146,222
PRIOR FILING DATE: July 28, 1999
PRIOR APPLICATION NUMBER: PCT/US98/19330
PRIOR FILING DATE: September 16, 1998
PRIOR APPLICATION NUMBER: PCT/US98/25108
PRIOR FILING DATE: December 1, 1998
PRIOR APPLICATION NUMBER: 09/216,021
PRIOR FILING DATE: December 16, 1998
PRIOR APPLICATION NUMBER: 09/218,517
PRIOR FILING DATE: December 22, 1998
PRIOR APPLICATION NUMBER: 09/254,311
PRIOR FILING DATE: March 3, 1999
PRIOR APPLICATION NUMBER: PCT/US99/12252
PRIOR FILING DATE: June 22, 1999
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: September 15, 1999
PRIOR APPLICATION NUMBER: PCT/US99/28409
PRIOR FILING DATE: No. US20020142959A1ember 30, 1999
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: No. US20020142959A1ember 30, 1999
PRIOR APPLICATION NUMBER: PCT/US99/28301
PRIOR FILING DATE: December 1, 1999
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: December 16, 1999
PRIOR APPLICATION NUMBER: PCT/US00/03565
PRIOR FILING DATE: February 11, 2000
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: February 22, 2000
PRIOR APPLICATION NUMBER: PCT/US00/05841
PRIOR FILING DATE: March 2, 2000
PRIOR APPLICATION NUMBER: PCT/US00/08439
PRIOR FILING DATE: March 30, 2000
PRIOR APPLICATION NUMBER: PCT/US00/14042
PRIOR FILING DATE: May 22, 2000
PRIOR APPLICATION NUMBER: PCT/US00/20710
PRIOR FILING DATE: July 28, 2000
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: December 1, 2000
PRIOR APPLICATION NUMBER: PCT/US01/06520
PRIOR FILING DATE: February 28, 2001
NUMBER OF SEQ ID NOS: 120
SEQ ID NO 50
LENGTH: 455
TYPE: PRT
ORGANISM: Homo Sapien
US-09-944-654-50

Query Match 100.0%; Score 2529; DB 9; Length 455;
Best Local Similarity 100.0%; Pred. No. 1e-208;
Matches 455; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLHPETSPGRGHLAVLLALLGTTWAEVWPPQLOEQAPMAGALNRKESFLLLSLHNLRS 60

Db 1 MLHPETSPGRGHLLAVLLALLGTTWAEVWPPQLQOQAPMAGALNRKESFLLLSLHRLRS 60
QY 61 WVOPPAADMRRLDWSLSLAQAAALCGIPTPSLASGLMRTLQVGNMQLLPAGLASF 120
Db 61 WVOPPAADMRRLDWSLSLAQAAALCGIPTPSLASGLMRTLQVGNMQLLPAGLASF 120
QY 121 VEVVSLWPAEGORYSHAAGCARNATCTHYTOLWATSSQLCGGRLHLSAGGTAIEAFC 180
Db 121 VEVVSLWPAEGORYSHAAGCARNATCTHYTOLWATSSQLCGGRLHLSAGGTAIEAFC 180
QY 181 AYSPPGNWEVNGKTIIPYKKGAWCSLCTASVSGCFKAWDHAGGLCEVPRNFCRMSQNHG 240
Db 181 AYSPPGNWEVNGKTIIPYKKGAWCSLCTASVSGCFKAWDHAGGLCEVPRNFCRMSQNHG 240
QY 241 RLNISTCHCHCPGYTGRYCVQRCSLQCVHGRFREBECSVCVDIGYGGAQCATKVHFFPH 300
Db 241 RLNISTCHCHCPGYTGRYCVQRCSLQCVHGRFREBECSVCVDIGYGGAQCATKVHFFPH 300
QY 301 TCDLRIDGCFWSSADTYIYARMKQKRGVLAQIKSKQVQDILAFVLRLETTNEVT 360
Db 301 TCDLRIDGCFWSSADTYIYARMKQKRGVLAQIKSKQVQDILAFVLRLETTNEVT 360
QY 361 DSDFETRNFWIGLTYKTAKDSFRWATGEHQFTSFAFQOPDNHGLVLSAAMGFCNCVEL 420
Db 361 DSDFETRNFWIGLTYKTAKDSFRWATGEHQFTSFAFQOPDNHGLVLSAAMGFCNCVEL 420
QY 421 QASAAFNWDDCKTNRNYICOPAEHISRWPGS 455
Db 421 QASAAFNWDDCKTNRNYICOPAEHISRWPGS 455

RESULT 12
US-09-943-851A-50
; Sequence 50, Application US/09943851A
; Patent No. US20020150976A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kljavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P2548P1C1
; CURRENT APPLICATION NUMBER: US/09/943, 851A
; CURRENT FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: US/09/866, 028
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/067, 411
; PRIOR FILING DATE: December 3, 1997
; PRIOR APPLICATION NUMBER: 60/069, 334
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069, 335
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069, 425
; PRIOR FILING DATE: December 12, 1997
; PRIOR APPLICATION NUMBER: 60/069, 696
; PRIOR FILING DATE: December 15, 1997
; PRIOR APPLICATION NUMBER: 60/069, 694
; PRIOR FILING DATE: December 16, 1997

; PRIOR APPLICATION NUMBER: 60/069, 702
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069, 870
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069, 873
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/068, 017
; PRIOR FILING DATE: December 18, 1997
; PRIOR APPLICATION NUMBER: 60/070, 440
; PRIOR FILING DATE: January 5, 1998
; PRIOR APPLICATION NUMBER: 60/074, 086
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/074, 092
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/075, 945
; PRIOR FILING DATE: February 25, 1998
; PRIOR APPLICATION NUMBER: 60/112, 850
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 60/113, 296
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 60/146, 222
; PRIOR FILING DATE: July 28, 1999
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: September 16, 1998
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: December 1, 1998
; PRIOR APPLICATION NUMBER: 09/216, 021
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 09/218, 517
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 09/254, 311
; PRIOR FILING DATE: March 3, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: June 22, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: September 15, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28409
; PRIOR FILING DATE: No. US20020150976A1, September 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: No. US20020150976A1, September 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28301
; PRIOR FILING DATE: December 1, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: December 16, 1999
; PRIOR APPLICATION NUMBER: PCT/US00/03565
; PRIOR FILING DATE: February 11, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: February 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: March 2, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: March 30, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: May 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: July 28, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: December 1, 2000
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: February 28, 2001
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 50
; LENGTH: 455
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-943-851A-50

Query Match 100.0%; Score 2529; DB 9; Length 455;
Best Local Similarity 100.0%; Pred. No. 1e-208;
Matches 455; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY

1 MLHPETSPGRGHLLAVLLALLGTTWAEVWPPQLQOQAPMAGALNRKESFLLLSLHRLRS 60

Db 1 MLHPETSPGRGHLLAVLLALGTTWAEVWPPQLCEQAPVAGALNRKESFILLISLHNRLS 60
Qy 61 WVQPPAADMRRLDWSLSLAQARAALCGIPTPSLASGLWRTLOQVGNWQLLPAGLASF 120
Db 61 WVQPPAADMRRLDWSLSLAQARAALCGIPTPSLASGLWRTLOQVGNWQLLPAGLASF 120
Qy 121 VEVVSLWFABGQRYSHAAGCSARNATCTHTQJLVWATSSQLGGRHLCSAGQTAEAFVC 180
Db 121 VEVVSLWFABGQRYSHAAGCSARNATCTHTQJLVWATSSQLGGRHLCSAGQTAEAFVC 180
Qy 181 AYSPPGNWVEYNGKTIIPYKKGWCSLCTASVSCFKAWDHAGGLCEVPNPRCRMSQNHG 240
Db 181 AYSPPGNWVEYNGKTIIPYKKGWCSLCTASVSCFKAWDHAGGLCEVPNPRCRMSQNHG 240
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Db 241 RLNISCHCHCPGTYGRYCVRCSCLOCVHGRREBECSVCVDIGYGGACQATKVHFFPH 300
Qy 301 TCDLRIDGDCFMVSSSEADTYRARMKQKRGVLAQIKSKQVODILAFYLGRLTTEVNT 360
Db 301 TCDLRIDGDCFMVSSSEADTYRARMKQKRGVLAQIKSKQVODILAFYLGRLTTEVNT 360
Qy 361 DSDPFRNFWIGTYKTAKDSFRWATGEHQAFSTPAFGQPDNHNGLVWLSAAMGFGNCVEL 420
Db 361 DSDPFRNFWIGTYKTAKDSFRWATGEHQAFSTPAFGQPDNHNGLVWLSAAMGFGNCVEL 420
Qy 421 QASAAFNWDQCKTRNRYICQPAQEHISRWGPGS 455
Db 421 QASAAFNWDQCKTRNRYICQPAQEHISRWGPGS 455

RESULT 13
US-09-944-413-50
; Sequence 50, Application US/09944413
; Patent No. US200201560041
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerriksen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: KJavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P2548P1C1
; CURRENT APPLICATION NUMBER: US/09/944,413
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/866,028
; PRIOR FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2001-05-25
; PRIOR FILING DATE: December 3, 1997
; PRIOR APPLICATION NUMBER: 60/069,334
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,335
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,278
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,425
; PRIOR FILING DATE: December 12, 1997
; PRIOR APPLICATION NUMBER: 60/069,696
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,694
; PRIOR FILING DATE: December 16, 1997

; PRIOR APPLICATION NUMBER: 60/069,702
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,870
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069,873
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/068,017
; PRIOR FILING DATE: December 18, 1997
; PRIOR APPLICATION NUMBER: 60/070,440
; PRIOR FILING DATE: January 5, 1998
; PRIOR APPLICATION NUMBER: 60/074,086
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/074,092
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/075,945
; PRIOR FILING DATE: February 25, 1998
; PRIOR APPLICATION NUMBER: 60/112,850
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 60/113,296
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 60/146,222
; PRIOR FILING DATE: July 28, 1999
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: September 16, 1998
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: December 1, 1998
; PRIOR APPLICATION NUMBER: 09/216,021
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 09/218,517
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 09/234,311
; PRIOR FILING DATE: March 3, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: June 22, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: September 15, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28409
; PRIOR FILING DATE: No. US20020156004Aeember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: No. US20020156004Aeember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28301
; PRIOR FILING DATE: December 1, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: December 16, 1999
; PRIOR APPLICATION NUMBER: PCT/US00/03565
; PRIOR FILING DATE: February 11, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: February 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: March 2, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: March 30, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: May 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: July 28, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: December 1, 2000
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: February 28, 2001
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 50
; LENGTH: 455
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-944-413-50

Query Match 100.0%; Score 2529; DB 9; Length 455;
Best Local Similarity 100.0%; Pred. No. 1e-208;
Matches 455; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MLHPETSPGRGHLLAVLLALGTTWAEVWPPQLCEQAPVAGALNRKESFILLISLHNRLS 60

Db 1 MLHPETSPGCHLLAVLLALGTTTWAENVPPQLOEQAPMAGALNRKESFLLLSLHNRLS 60
Qy 61 WVOPPAADMRRLDWSLSLAQARAALCGIPTPSLASGLWRTTQVGNWQLLPAGLASF 120
Db 61 WVOPPAADMRRLDWSLSLAQARAALCGIPTPSLASGLWRTTQVGNWQLLPAGLASF 120
Qy 121 VEVVSLWFAEGQRYSHAAAGCARNATCTHTVQLVWATSSQLGGRHLCSAGOTAEAFVC 180
Db 121 VEVVSLWFAEGQRYSHAAAGCARNATCTHTVQLVWATSSQLGGRHLCSAGOTAEAFVC 180
Qy 181 AYSFGGNWVNGKTIIPYKKGAWCSLCTASVSGCFKAWDHAGLCEVPRNCRMSQNHG 240
Db 181 AYSFGGNWVNGKTIIPYKKGAWCSLCTASVSGCFKAWDHAGLCEVPRNCRMSQNHG 240
Qy 241 RLNISTCHCHCPGYTCRYCOVRCSLQCVHGRPREECSCVCDIGYGGAQCCKVHFPH 300
Db 241 RLNISTCHCHCPGYTCRYCOVRCSLQCVHGRPREECSCVCDIGYGGAQCCKVHFPH 300
Qy 301 TCDLRIDGDCFMVSEADTYRYARMKQCRKGGVLAQIKSQKQVQDILAFYLGRLTNEVT 360
Db 301 TCDLRIDGDCFMVSEADTYRYARMKQCRKGGVLAQIKSQKQVQDILAFYLGRLTNEVT 360
Qy 361 DSDFETRNFWIGLTYKTAKDSFRWATGEHOAFTSPAFGQPDNHGLVWLSAAMFGNCVEL 420
Db 361 DSDFETRNFWIGLTYKTAKDSFRWATGEHOAFTSPAFGQPDNHGLVWLSAAMFGNCVEL 420
Qy 421 QASAAFWNDORCKTRNRVCQAQEHISRWGPGS 455
Db 421 QASAAFWNDORCKTRNRVCQAQEHISRWGPGS 455

RESULT 14

US-09-944-403-50
; Sequence 50, Application US/09944403
; Patent No. US20020165143A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerbitsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kljavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tomas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P2548P1C1
; CURRENT APPLICATION NUMBER: US/09/944,403
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/866,028
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/067,411
; PRIOR FILING DATE: December 3, 1997
; PRIOR APPLICATION NUMBER: 60/069,334
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,335
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,278
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,425
; PRIOR FILING DATE: December 12, 1997
; PRIOR APPLICATION NUMBER: 60/069,696
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,694
; PRIOR FILING DATE: December 16, 1997

; PRIOR APPLICATION NUMBER: 60/069,702
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,870
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069,873
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/068,017
; PRIOR FILING DATE: December 18, 1997
; PRIOR APPLICATION NUMBER: 60/070,440
; PRIOR FILING DATE: January 5, 1998
; PRIOR APPLICATION NUMBER: 60/074,086
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/074,092
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/075,945
; PRIOR FILING DATE: February 25, 1998
; PRIOR APPLICATION NUMBER: 60/112,850
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 60/113,296
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 60/146,222
; PRIOR FILING DATE: July 28, 1999
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: September 16, 1998
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: December 1, 1998
; PRIOR APPLICATION NUMBER: 09/216,021
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 09/218,517
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 09/254,311
; PRIOR FILING DATE: March 3, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: June 22, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: September 15, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28409
; PRIOR FILING DATE: NO. US20020165143A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: NO. US20020165143A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28301
; PRIOR FILING DATE: December 1, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: December 16, 1999
; PRIOR APPLICATION NUMBER: PCT/US00/03565
; PRIOR FILING DATE: February 11, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: February 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: March 2, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: March 30, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: May 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: July 28, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: December 1, 2000
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: February 28, 2001
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 50
; LENGTH: 455
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-944-403-50

Query Match 100.0%; Score 2529; DB 9; Length 455;
Best Local Similarity 100.0%; Pred. No. 1e-208;
Matches 455; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 MLHPETSPGRGHLLAVLLALGTTWAEVWPQLOEQAPMAGALNRKESFLLLSLHNRLS 60
QY 61 WVQPAAADMRDLSDSLAQLAQAALCGIPTPSLASGLWRTLVQGMNMLLPAGLASP 120
Db 61 WVQPAAADMRDLSDSLAQLAQAALCGIPTPSLASGLWRTLVQGMNMLLPAGLASP 120
QY 121 VEVVSLMFAEQRYSHAGECARNATHTYTLQVWATSSQLGCGRHLCASAGQTAIEAFVC 180
Db 121 VEVVSLMFAEQRYSHAGECARNATHTYTLQVWATSSQLGCGRHLCASAGQTAIEAFVC 180
QY 181 AYSPPGWEVNGKTIIPYKGAWSLCTASVSGCFKAWDHAGGICEVPRNPCRMSQNHG 240
Db 181 AYSPPGWEVNGKTIIPYKGAWSLCTASVSGCFKAWDHAGGICEVPRNPCRMSQNHG 240
QY 241 RLNSTCHCHCPPGYTRYQVRCRSLQCVHGRFREECSCVCDIGYGGAQCATKVHFFPH 300
Db 241 RLNSTCHCHCPPGYTRYQVRCRSLQCVHGRFREECSCVCDIGYGGAQCATKVHFFPH 300
QY 301 TCDLRIDGDFMVSSEADTYRARMKCKORGGVLAQIKSQKQVQDILAFYLGRIETNEVT 360
Db 301 TCDLRIDGDFMVSSEADTYRARMKCKORGGVLAQIKSQKQVQDILAFYLGRIETNEVT 360
QY 361 DSDPETRNFVIGLTYKTAKDSFRWATGEHQAFTSFAGQPDNHLVWLSAAMFGNVCVEL 420
Db 361 DSDPETRNFVIGLTYKTAKDSFRWATGEHQAFTSFAGQPDNHLVWLSAAMFGNVCVEL 420
QY 421 QASAAFNWQRCXTRNRYICQFAQEHISRWGPQS 455
Db 421 QASAAFNWQRCXTRNRYICQFAQEHISRWGPQS 455

RESULT 15

US-09-944-896-50
; Sequence 50, Application US/09944896
; Patent No. US20020168715A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Flivaroff, Ellen
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: KJavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P2548P1C1
; CURRENT APPLICATION NUMBER: US/09/944,896
; CURRENT FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: 09/866,028
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/069,334
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,335
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,278
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,425
; PRIOR FILING DATE: December 12, 1997
; PRIOR APPLICATION NUMBER: 60/069,696
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,694
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,702
; PRIOR FILING DATE: December 16, 1997

; PRIOR APPLICATION NUMBER: 60/069,870
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069,873
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/068,017
; PRIOR FILING DATE: December 18, 1997
; PRIOR APPLICATION NUMBER: 60/070,440
; PRIOR FILING DATE: January 5, 1998
; PRIOR APPLICATION NUMBER: 60/074,086
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/074,092
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/075,945
; PRIOR FILING DATE: February 25, 1998
; PRIOR APPLICATION NUMBER: 60/112,850
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 60/113,296
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 60/146,222
; PRIOR FILING DATE: July 28, 1999
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: September 16, 1998
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: December 1, 1998
; PRIOR APPLICATION NUMBER: 09/216,021
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 09/218,517
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 09/254,311
; PRIOR FILING DATE: March 3, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: June 22, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: September 15, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28409
; PRIOR FILING DATE: No. US20020168715A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: No. US20020168715A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28301
; PRIOR FILING DATE: December 1, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: December 16, 1999
; PRIOR APPLICATION NUMBER: PCT/US00/03565
; PRIOR FILING DATE: February 11, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: February 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: March 2, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: March 30, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: May 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: July 28, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: December 1, 2000
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: February 28, 2001
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 50
; LENGTH: 455
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-944-896-50

Query Match 100.0%; Score 2529; DB 9; Length 455;
Best Local Similarity 100.0%; Pred. No. 1e-208;
Matches 455; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLHPETSPGRGHLLAVLLALGTTWAEVWPQLOEQAPMAGALNRKESFLLLSLHNRLS 60
Db 1 MLHPETSPGRGHLLAVLLALGTTWAEVWPQLOEQAPMAGALNRKESFLLLSLHNRLS 60

Qy	61	WVQPPAADMRERLDWSDSLAQARAAALCGIPTPSLASGLWRTLOVGNMQLLPAGLASF	120
Db			
Db	61	WVQPPAADMRERLDWSDSLAQARAAALCGIPTPSLASGLWRTLOVGNMQLLPAGLASF	120
Qy	121	VEVVSLEWFAEGORYSHAAECARNATCTHYTQLVWATSSQLCGGRHLCASAGTAEAFVC	180
Db			
Db	121	VEVVSLEWFAEGORYSHAAECARNATCTHYTQLVWATSSQLCGGRHLCASAGTAEAFVC	180
Qy	181	AYSPPGNWEVNGXTIIPYKKGAWCSLCTASVSGCFKAWDHAGGLCEVPRNPCRMSQNHG	240
Db			
Db	181	AYSPPGNWEVNGXTIIPYKKGAWCSLCTASVSGCFKAWDHAGGLCEVPRNPCRMSQNHG	240
Qy	241	RLNISTCHCHCPPGYTGRYQVRCSLQCVHGRFREECSCVCDIGYGGAQCATKVHFFPH	300
Db			
Db	241	RLNISTCHCHCPPGYTGRYQVRCSLQCVHGRFREECSCVCDIGYGGAQCATKVHFFPH	300
Qy	301	TCDLRIDGDCFMVSSSEADTYRARMKQKGGVLAQIKSKYQDILAFYLGLETTNEVT	360
Db			
Db	301	TCDLRIDGDCFMVSSSEADTYRARMKQKGGVLAQIKSKYQDILAFYLGLETTNEVT	360
Qy	361	DSDFETRNFWIGLYKTAKDSPFWATGEHQAFTSFAFGQPDNHLVWLSAAMGFGNCVEL	420
Db			
Db	361	DSDFETRNFWIGLYKTAKDSPFWATGEHQAFTSFAFGQPDNHLVWLSAAMGFGNCVEL	420
Qy	421	QASAAFNWNDORCKTRNRYICQFAQBHSRWGPGS	455
Db			
Db	421	QASAAFNWNDORCKTRNRYICQFAQBHSRWGPGS	455